Product Datasheet

Recombinant Human Somatostatin R5/SSTR5 GST (N-Term) Protein H00006755-P01-2ug

Unit Size: 2 ug

Store at -80C. Avoid freeze-thaw cycles.

www.novusbio.com

technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/H00006755-P01

Updated 10/24/2024 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H00006755-P01

H00006755-P01-2ug

Recombinant Human Somatostatin R5/SSTR5 GST (N-Term) Protein

Unit Size 2 ug Concentration Please see the vial label for concentration. If unlisted please contact technical services. Storage Store at -80C. Avoid freeze-thaw cycles. Preservative No Preservative Purity >80% by SDS-PAGE and Coomassie blue staining Buffer 50 mM Tris-HCI, 10 mM reduced Glutathione, pH 8.0 in the elution buffer. Target Molecular Weight 66-99 kDa Product Description A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-364 of Human SSTR5 Source: Wheat Germ (in vitro) Amino Acid Sequence: MEPLEPASTPSWNASSPGAASGGGDNRTL/GPAPSAGARAVL/VPL/YL/VCA AGEGONT.UVYULRFAKMKITVTINIYILNLAVADVLYMLGPEALATONAASFWPF GPVLCRL/WTLDG/NQFTSVFCLTVMSVDRYLAVVHPLSSARWRRPRVAKLA SAAWUVSULCMSLPVLVGVVRRSERKVTRML/VVVLVAGAVEINTAVLGFFA ACLOCULVULVLVLVLVLVVLVACAVVVVVVLVVLVAGAVENUPFT VNULVLAGAVEINTAVLGFFA AGEGONT.UVVVLSACKMAVGVVRRSERKVTRML/VVVLVVLVAGAVENUPFT VNIVNLAVALPOEPASAGLYFFVVILSYANSCANPVLYGFLSDNFRQSFOKVLCL RKSGSAKDADATEPRPDRIRQQQEATPPAHRAAANGLMQTSKL Species Human Preparation Method in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not beene explicity measured or vali	Product Information		
Storage Store at -80C. Avoid freeze-thaw cycles. Preservative No Preservative Purity >80% by SDS-PAGE and Coomassie blue staining Buffer 50 mM Tris-HCI, 10 mM reduced Glutathione, pH 8.0 in the elution buffer. Target Molecular Weight 66.99 kDa Product Description A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-364 of Human SSTR5 Source: Wheat Germ (in vitro) Amino Acid Sequence: MEPLEPASTPSWNASSPGAASGGGDNRTLVGPAPSAGARAVLVPVLYLLVCA AGGGRTLVITVULQRAKKTVTNNYILNLAVADVLYMLCLPFLATAASSWPF GPVLCRLVMTLDGVNQFTSVFCLTVMSVDRYLAVVHPLSSARWRRPKVAKLA SAA&WVLSLCMSLPLLVFADVQEGGTCNASWPEPVGLWGAVFINTAVLGFFA PLUVICLVULVLAQAGVRCGVRRSERKVTRWULVVULVFAGCWLPFFT VNIVNLAVALOPEPASAGLYFFVVILSYANSCANPVLYGFLSDNFRQSFQKVLCL RKGSGAKDADATEPRPDRIRQQEATPPAHRAAANGLMQTSKL Gene ID 6755 Gene Symbol SSTR5 Species Human Preparation Method in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated. Notes This produced by and distributed for Abnova, a company based in Taiwan.	Unit Size	2 ug	
Preservative No Preservative Purity >80% by SDS-PAGE and Coomassie blue staining Buffer 50 mM Tris-HCI, 10 mM reduced Glutathione, pH 8.0 in the elution buffer. Target Molecular Weight 66.99 kDa Product Description A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-364 of Human SSTR5 Source: Wheat Germ (in vitro) Amino Acid Sequence: MEPLFPASTPSWNASSPGAASGGGDNRTLVGPAPSAGARAVLVPVLYLLVCA AGGGGTUNTUWTVUVLRFAKMKTVTNIVILNLAVADVLYMLGPFLASARWRRPRVAKL SAAAWVLSLCMSLPLLVFADVQEGGTCNASWPEPVGLWGAVFIIYTAVLGFFA PLLVICLCYLLIVVKVRAAGVRVGCVRRRSERVTRWUVVVLVFAGCWLPFFT PLLVICLCYLLIVVKVRAAGVRVGCVRRRSERVTRWUVLVVFAGCWLPFFT PLLVICLCYLLIVVKVRAAGGLYFFVVILSYANSCANPVLYGFLSSDNFROSFQKVLCL RKGSGAKDADATEPRPDRIRQQQEATPPAHRAAANGLMQTSKL Gene ID 6755 Gene Symbol SSTR5 Species Human Preparation Method in vitro wheat germ expression system Details of Functionality This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated. Notes This protein kas produced by and distributed for Abnova, a company based in Taiwan.	Concentration	•	
Purity >80% by SDS-PAGE and Coomassie blue staining Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer. Target Molecular Weight 66.99 kDa Product Description A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-364 of Human SSTR5 Source: Wheat Germ (in vitro) Amino Acid Sequence: MEPLFPASTPSWNASSPGAASGGGDNRTLVGPAPSAGARAVLVPVLYLLVCA AGLGGNTLVIYVLRFAKMKTVTNIYILUAVADVLYMLQLPFLATQNAASFWPF GPVLCRLVMTLGCVMQFTSVFCLTVMSVDRYLAVVHPLSSARWRRPRVAKLA SAAAWVLSLOMSLPLVFADQGEGGTONASWPEPVGLWGAVFIIYTAVLGFFA VNIVNLAVALPQEPASAGLYFFVVILSYANSCAMPEVYGLSONFRQSFQKVLCL RKGSGAKDADATEPRPDRIRQQQEATPPAHRAAANGLMQTSKL Gene ID 6755 Gene Symbol SSTR5 Species Human Preparation Method in vitro wheat germ expression system Details of Functionality This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated. Notes This product is produced by and distributed for Abnova, a company based in Taiwan.	Storage	Store at -80C. Avoid freeze-thaw cycles.	
Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer. Target Molecular Weight 66.99 kDa Product Description A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-364 of Human SSTR5 Source: Wheat Germ (in vitro) Amino Acid Sequence: MEPLFPASTPSWNASSPGAASGGDNRTLVGPAPSAGARAVLVPVLYLLVCA AGLGGNTLVIYVLRFAKMKTVTNIYILNLAVADVLYMLGLPFLATQNAASFWPF GPULCRLVMTLDGVNQFTSVFCLTVMSVDRYLAVVHLSSARWRPRVAKLA SAAAWVLSLCMSLPLUVFADVQEGGTCNASWPEPVGLWGAVFIIYTAVLGFFA PLLVICLCYLLIVVKVRAAGVRVGCVRRSERKVTRMVLVVVLVFAGCWLPFT Source: Meen D Gene ID 6755 Gene Symbol SSTR5 Species Human Preparation Method in vitro wheat germ expression system Details of Functionality This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated. Notes This product is produced by and distributed for Abnova, a company based in Taiwan.	Preservative	No Preservative	
Target Molecular Weight 66.99 kDa Product Description A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-364 of Human SSTR5 Source: Wheat Germ (in vitro) Amino Acid Sequence: MEPLFPASTPSWNASSPGAASGGGDNRTLVGPAPSAGARAVLVPVLYLLVCA AGLGGNTLVIYVLRFAKMKTVTNIYILNLAVADVLYMLGLPFLATQNAASFWPF GPVLCRLVMTLDGVNQFTSVFCLTVMSVDRYLAVVHPLSSARWRRPRVAKLA SAAAWVLSLCMSLPLLVFADVQEGGTCNASWPEPVGLWGAVFIIYTAVLGFFA PLLVICCYLLIVKVRAAGVRVGCVRRRSERKVTRMVLVVVLVFAGCWLPFFT VNIVNLAVALPQEPASAGLYFFVVILSYANSCANPVLYGFLSDNFRQSFQKVLCL RKGSGAKDADATEPRPDRIRQQQEATPPAHRAAANGLMQTSKL Gene ID 6755 Gene Symbol SSTR5 Species Human Preparation Method in vitro wheat germ expression system Details of Functionality This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated. Notes This product is produced by and distributed for Abnova, a company based in Taiwan.	Purity	>80% by SDS-PAGE and Coomassie blue staining	
Product Description Description A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-364 of Human SSTR5 Source: Wheat Germ (in vitro) Amino Acid Sequence: MEPLFPASTPSWNASSPGAASGGGDNRTLVGPAPSAGARAVLVPVLYLLVCA AGLGONTLVIVVLRFAKMKTVTNIYILNLAVADVLYMLGLPFLATQNAASFWPF GPVLCRLVMTLDQVNQFTSVFCLTVMSVDRYLAVVHPLSSARWRRPRVAKLA SAAAWVLSLCMSLPLLVFADVQEGGTCNASWPEPVGLWGAVFIIYTAVLGFFA PLLVICCVLLIVVKVRAAGVRVGCVRRSERKVTRMVLVVVLVFAGCWLPFFT VNIVNLAVLAVLPPEPASAGLYFFVVILSYANSCANPVLVGFLSDNFRQSFQKVLCL RKGSGAKDADATEPRPDRIRQQQEATPPAHRAAANGLMQTSKL Gene ID 6755 Gene Symbol SSTR5 Species Human Preparation Method in vitro wheat germ expression system Details of Functionality This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated. Notes This product is produced by and distributed for Abnova, a company based in Taiwan.	Buffer	50 mM Tris-HCI, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.	
Description A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-364 of Human SSTR5 Source: Wheat Germ (in vitro) Amino Acid Sequence: MEPLFPASTPSWNASSPGAASGGGDNRTLVGPAPSAGARAVLVPVLYLLVCA AGLGGNTLVIYVVLRFAKMKTVTNIVILNLAVADVLYMLGLPFLATQNAASFWPF GPVLCRLVMTLDGVNQFTSVFCLTVMSVDRYLAVVHPLSSARWRRPRVAKLA SAAAWVLSLCMSLPLLVFADVQEGGTCNASWPEPVGLWGAVFIIYTAVLGFFA PLLVICLCYLLIVVKVRAAGVRVGCVRRRSERKVTRMVLVVVLVFAGCWLPFFT VNIVNLAVALPQEPASAGLYFFVVILSYANSCANPVLYGFLSDNFRQSFQKVLCL RKGSGAKDADATEPRPDRIRQQQEATPPAHRAAANGLMQTSKL Gene ID 6755 Gene Symbol SSTR5 Species Human Preparation Method in vitro wheat germ expression system Details of Functionality This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein and loding bas one level of activity, the functionality of this protein has not been explicitly measured or validated. Notes This product is produced by and distributed for Abnova, a company based in Taiwan.	Target Molecular Weight	66.99 kDa	
acids 1-364 of Human SSTR5Source: Wheat Germ (in vitro)Amino Acid Sequence: MEPLFPASTPSWNASSPGAASGGGDNRTLVGPAPSAGARAVLVPVLYLLVCA AGLGGNTLVIYVLRFAKMKTYTNIVLNLAVADVLYMLGLFPLATQNAASFWPF GPVLCRLVMTLDGVNQFTSVFCLTVMSVDRYLAVVHPLSSARWRRPRVAKLA SAAAWVLSLCMSLPLLVFADVQEGGTCNASWPEPVGLWGAVFIIYTAVLGFFA PLLVICLCYLLIVVKVRAAGVRVGCVRRSERKVTRMVLVVVLVFAGCWLPFFT VNIVNLAVALPQEPASAGLYFFVVILSYANSCANPVLYGFLSDNFRQSFQKVLCL RKGSGAKDADATEPRPDRIRQQQEATPPAHRAAANGLMQTSKLGene ID6755Gene SymbolSSTR5SpeciesHumanPreparation Methodin vitro wheat germ expression systemDetails of FunctionalityThis protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in Taiwan.Product Application Details	Product Description		
Amino Acid Sequence: MEPLFPASTPSWNASSPGAASGGGDNRTLVGPAPSAGARAVLVPVLYLLVCA AGLGGNTLVIYVVLRFAKMKTVTNIYILNLAVADVLYMLGLPFLATQNAASFWPF GPVLCRLVMTLDGVNQFTSVFCLTVMSVDRYLAVVHPLSSARWRRPRVAKLA SAAAWVLSLCMSLPLLVFADVGEGGTCNASWPEPVGLWGAVFIIYTAVLGFFA PLLVICLCYLLIVVKVRAAGVRVGCVRRRSERKVTRMVLVVVLVFAGCWLPFFT VNIVNLAVALPQEPASAGLYFFVVILSYANSCANPVLYGFLSDNFRQSFQKVLCL RKGSGAKDADATEPRPDRIRQQQEATPPAHRAAANGLMQTSKLGene ID6755Gene SymbolSSTR5SpeciesHumanPreparation Methodin vitro wheat germ expression systemDetails of FunctionalityThis protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in Taiwan.Product Application DetailsForduct Application Details	Description		
MEPLFPASTPSWNASSPGAASGGGDNRTLVGPAPSAGARAVLVPVLYLLVCA AGLGGNTLVIYVURFAKMKTVTNIYILNLAVADVLYMLGLPFLATQNAASFWPF GPVLCRLVMTLDGVNQFTSVFCLTVMSVDRYLAVVHPLSSARWRRPRVAKLA SAAAWVLSLCMSLPLLVFADVQEGGTCNASWPEPVGLWGAVFIIYTAVLGFFA PLLVICLCYLLIVVKVRAAGVRVGCVRRSERKVTRMVLVVVLVFAGCWLPFFT VNIVNLAVALPQEPASAGLYFFVVILSYANSCANPVLYGFLSDNFRQSFQKVLCL RKGSGAKDADATEPRPDRIRQQQEATPPAHRAAANGLMQTSKLGene ID6755Gene SymbolSSTR5SpeciesHumanPreparation Methodin vitro wheat germ expression systemDetails of FunctionalityThis protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in Taiwan.Product Application Details		Source: Wheat Germ (in vitro)	
Gene SymbolSSTR5SpeciesHumanPreparation Methodin vitro wheat germ expression systemDetails of FunctionalityThis protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in Taiwan.Product Application DetailsEndetails		MEPLFPASTPSWNASSPGAASGGGDNRTLVGPAPSAGARAVLVPVLYLLVCA AGLGGNTLVIYVVLRFAKMKTVTNIYILNLAVADVLYMLGLPFLATQNAASFWPF GPVLCRLVMTLDGVNQFTSVFCLTVMSVDRYLAVVHPLSSARWRRPRVAKLA SAAAWVLSLCMSLPLLVFADVQEGGTCNASWPEPVGLWGAVFIIYTAVLGFFA PLLVICLCYLLIVVKVRAAGVRVGCVRRRSERKVTRMVLVVVLVFAGCWLPFFT VNIVNLAVALPQEPASAGLYFFVVILSYANSCANPVLYGFLSDNFRQSFQKVLCL	
SpeciesHumanPreparation Methodin vitro wheat germ expression systemDetails of FunctionalityThis protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in Taiwan.Product Application DetailsImage: Company company based in Company company based in 	Gene ID	6755	
Preparation Methodin vitro wheat germ expression systemDetails of FunctionalityThis protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in Taiwan.Product Application Details	Gene Symbol	SSTR5	
Details of FunctionalityThis protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in Taiwan.Product Application DetailsFreduct Application Details	Species	Human	
should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.NotesThis product is produced by and distributed for Abnova, a company based in Taiwan.Product Application DetailsExample of the second	Preparation Method	in vitro wheat germ expression system	
Taiwan. Product Application Details	Details of Functionality	should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity,	
	Notes		
Applications Western Blot, ELISA, Protein Array, Immunoaffinity Purification	Product Application Details		
	Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification	
Recommended Dilutions Western Blot, ELISA, Protein Array, Immunoaffinity Purification	Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification	

www.novusbio.com



Images	
12.5% SDS-PAGE Stained with Coomassie Blue.	175 -
	80 -
	58
	46 -
	30 -
	25-
	17-

www.novusbio.com





Novus Biologicals USA

10730 E. Briarwood Avenue Centennial, CO 80112 USA Phone: 303.730.1950 Toll Free: 1.888.506.6887 Fax: 303.730.1966 nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave Toronto, ON M8Z 4E6 Canada Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402 canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom Phone: (44) (0) 1235 529449 Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com Technical Support: nb-technical@biotechne.com Orders: nb-customerservice@bio-techne.com General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00006755-P01

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications



