# **Product Datasheet**

# Recombinant Human MEA-1 GST (N-Term) Protein H00004201-P01-10ug

Unit Size: 10 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/H00004201-P01

Updated 10/23/2024 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/H00004201-P01



# H00004201-P01-10ug

Unit Size  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-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.  Forduct Description  Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-185 of Human MEA1  Source: Wheat Germ (in vitro)  Amino Acid Sequence: MGPERHLSGAPARMATVVLGGDTMGPERIFPNQTEELGHQGPSEGTGDWSS EEPEEEQEETGSGPAGYSYQPLNQDPEQEEVELAPVCDGDVVADIQDRIQAL GLHDPPLESEDDEDEEGATALNNHSSIPMDPEHVELVKRTMAGVSLPAPGVP AWAREISDAQWEDVVQKALQARQASPAWK  Gene ID  4201  Gene Symbol  MEA1  Species  Human  in vitro wheat germ expression system  in vitro wheat germ expression system  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.	110000+2011 01 10ug		
Unit Size 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 No Preservative Som M Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer. Farget Molecular Weight Product Description Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-185 of Human MEA1 Source: Wheat Germ (in vitro) Amino Acid Sequence: MGPERHLSGAPARMATVVLGGDTMGPERIFPNQTEELGHQGPSEGTGDWSS EEPEEEQEETGSGPAGYSYQPLNQDPEQEEVELAPVGDGDVVADIQDRIQAL GLHLPDPPLESFOEDEEGATALNNHSIPMDPEHVELVKRTMAGVSLPAPGVP AWAREISDAQWEDVVQKALQARQASPAWK  Gene ID 4201 Gene Symbol MEA1 Species Human 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.	Recombinant Human MEA-1 GST (N-Term) Protein		
Please see the vial label for concentration. If unlisted please contact technical services.  Storage Store at -80C. Avoid freeze-thaw cycles.  Preservative No Preservative >80% by SDS-PAGE and Coomassie blue staining  Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.  Farget Molecular Weight 45.98 kDa  Product Description  Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-185 of Human MEA1  Source: Wheat Germ (in vitro)  Amino Acid Sequence:  MGPERHLSGAPARMATVVLGGDTMGPERIFPNQTEELGHQGPSEGTGDWSS EEPEEEQEETGSGPAGYSYQPLNQDPEQEEVELAPVGDGDVVADIQDRIOAL GLHLPDPPLESEDEDEEGATALNNHSSIPMDPEHVELVKRTMAGVSLPAPGVP AWAREISDAQWEDVVQKALQARQASPAWK  Gene ID 4201  Gene Symbol MEA1  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 product is produced by and distributed for Abnova, a company based in Taiwan.	Product Information		
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-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.  Farget Molecular Weight 45.98 kDa  Product Description  Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-185 of Human MEA1  Source: Wheat Germ (in vitro)  Amino Acid Sequence: MGPERHLSGAPARMATVVLGGDTMGPERIFPNQTEELGHQGPSEGTGDWSS EEPEEGEEFEGSGPAGYSVQPLNQDPEQEEVELAPVGDGDVADIQDRIQAL GLHLPDPPLESEDEDEEGATALNNHSSIPMDPEHVELVKRTMAGVSLPAPGVP AWAREISDAQWEDVVQKALQARQASPAWK  Gene ID 4201  Gene Symbol MEA1  Species Human  Preparation Method in vitro wheat germ expression system 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.	Unit Size	10 ug	
Preservative Purity >80% by SDS-PAGE and Coomassie blue staining Suffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer. Farget Molecular Weight 45.98 kDa  Product Description  Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-185 of Human MEA1  Source: Wheat Germ (in vitro)  Amino Acid Sequence: MGPERHLSGAPARMATVVLGGDTMGPERIFPNQTEELGHQGPSEGTGDWSS EEPEEGQEETGSGPAGYSYQPLNQDPEQEEVELAPVGDGDVVADIQDRIQAL GLHLPDPPLESEDEDEEGATALNNHSSIPMDPEHVELVKRTMAGVSLPAPGVP AWAREISDAQWEDVVQKALQARQASPAWK  Gene ID 3ene Symbol MEA1 Species Human Preparation Method 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.	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.  Farget Molecular Weight 45.98 kDa  Product Description  Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-185 of Human MEA1  Source: Wheat Germ (in vitro)  Amino Acid Sequence:  MGPERHLSGAPARMATVVLGGDTMGPERIFPNQTEELGHQGPSEGTGDWSS  EEPPEEQEETGSGPAGYSYQPLNQDPEQEVELAPVGDGDVVADIQDRIQAL  GIHLPDPPLESEDEDEGATALNNHSSIPMDPEHVELVKRTMAGVSLPAPGVP  AWAREISDAQWEDVVQKALQARQASPAWK  Gene ID 4201  Gene Symbol MEA1  Species Human  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-HCI, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.  Farget Molecular Weight 45.98 kDa  Product Description  Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-185 of Human MEA1  Source: Wheat Germ (in vitro)  Amino Acid Sequence:  MGPERHLSGAPARMATVVLGGDTMGPERIFPNQTEELGHQGPSEGTGDWSS EEPEEQEETGSGPAGYSYQPLNQDPEQEEVELAPVGDGDVVADIQDRIQAL GLHLPDPPLESEDEDEEGATALNNHSIPMDPEHVELVKRTMAGVSLPAPGVP AWAREISDAQWEDVVQKALQARQASPAWK  Gene ID 4201  Gene Symbol MEA1  Species Human  Preparation Method in vitro wheat germ expression system  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	
Product Description  Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-185 of Human MEA1  Source: Wheat Germ (in vitro)  Amino Acid Sequence: MGPERHLSGAPARMATYVLGGDTMGPERIFPNQTEELGHQGPSEGTGDWSS EEPEEQEETGSGPAGYSYQPLNQDPEQEEVELAPVGDGDVVADIQDRIQAL GLHLPDPPLESEDEDEEGATALNNHSSIPMDPEHVELVKRTMAGVSLPAPGVP AWAREISDAQWEDVVQKALQARQASPAWK  Gene ID  4201  Gene Symbol  MEA1  Species  Human  Preparation Method  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  Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-185 of Human MEA1  Source: Wheat Germ (in vitro)  Amino Acid Sequence: MGPERHLSGAPARMATVVLGGDTMGPERIFPNQTEELGHQGPSEGTGDWSS EEPEEQEETGSGPAGYSYQPLNQDPEQEEVELAPVGDGDVVADIQDRIQAL GLHLPDPPLESEDEDEEGATALNNHSSIPMDPEHVELVKRTMAGVSLPAPGVP AWAREISDAQWEDVVQKALQARQASPAWK  Gene ID  4201  Gene Symbol  MEA1  Species  Human  Preparation Method  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-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.	
Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-185 of Human MEA1  Source: Wheat Germ (in vitro)  Amino Acid Sequence: MGPERHLSGAPARMATVVLGGDTMGPERIFPNQTEELGHQGPSEGTGDWSS EEPEEQEETGSGPAGYSYQPLNQDPEQEEVELAPVGDGDVVADIQDRIQAL GLHLPDPPLESEDEDEEGATALNNHSSIPMDPEHVELVKRTMAGVSLPAPGVP AWAREISDAQWEDVVQKALQARQASPAWK  Gene ID  4201  Gene Symbol  MEA1  Preparation Method  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.	Target Molecular Weight	45.98 kDa	
acids 1-185 of Human MEA1  Source: Wheat Germ (in vitro)  Amino Acid Sequence: MGPERHLSGAPARMATVVLGGDTMGPERIFPNQTEELGHQGPSEGTGDWSS EEPEEQEETGSGPAGYSYQPLNQDPEQEEVELAPVGDGDVVADIQDRIQAL GLHLPDPPLESEDEDEEGATALNNHSSIPMDPEHVELVKRTMAGVSLPAPGVP AWAREISDAQWEDVVQKALQARQASPAWK  Gene ID  4201  Gene Symbol  MEA1  Species  Human  Preparation Method  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.	Product Description		
Gene Symbol  MEA1  Human  Preparation Method  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  MEA1  Human  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	Description	acids 1-185 of Human MEA1  Source: Wheat Germ (in vitro)  Amino Acid Sequence: MGPERHLSGAPARMATVVLGGDTMGPERIFPNQTEELGHQGPSEGTGDWSS EEPEEEQEETGSGPAGYSYQPLNQDPEQEEVELAPVGDGDVVADIQDRIQAL GLHLPDPPLESEDEDEEGATALNNHSSIPMDPEHVELVKRTMAGVSLPAPGVP	
Preparation Method in vitro wheat germ expression system  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  Human  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.  This product is produced by and distributed for Abnova, a company based in Taiwan.	Gene ID	4201	
Preparation Method  In vitro wheat germ expression system  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  In vitro wheat germ expression system  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.  This product is produced by and distributed for Abnova, a company based in Taiwan.	Gene Symbol	MEA1	
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 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.  This product is produced by and distributed for Abnova, a company based in Taiwan.	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.  Notes  This product is produced by and distributed for Abnova, a company based in Taiwan.	Preparation Method	in vitro wheat germ expression system	
Taiwan.	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,	
Product Application Details	Notes		
	Product Application Details		

<b>Product Application Details</b>	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification



# Images 12.5% SDS-PAGE Stained with Coomassie Blue. 175 836247.532.5-



### 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@bio-

techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

### Products Related to H00004201-P01-10ug

NBP3-17392PEP MEA-1 Recombinant Protein Antigen

202-IL-010 IL-2 [Unconjugated]
AF3088 MEA-1 Antibody

MEP00B Erythropoietin/EPO [HRP]

### 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/H00004201-P01

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

