

Product Datasheet

Recombinant Human Wnt3 GST (N-Term) Protein H00007473-P01-2ug

Unit Size: 2 ug

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

www.novusbio.com



technical@novusbio.com

Publications: 6

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00007473-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/H00007473-P01



H00007473-P01-2ug**Recombinant Human Wnt3 GST (N-Term) Protein**

Product Information	
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-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	66 kDa

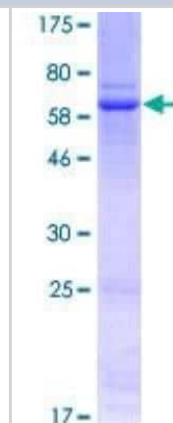
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-355 of Human WNT3</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MEPHLLGLLLGLLLGGTRVLGYPIWWSLALGQQYTSLGSQLLCGSIPGLVPK QLRFCRNYIEIMPSVAEGVKLGIEQCQHQFRGRRWNCTTIDDSLAIFGPVLDKA TRESAFVHAIASAGVAFVTRSCAEGTSTICGCDSHHKGPPGEGWKWGGCSE DADFGVLVSREFADARENRPDARSAMNKHNNNEAGRRTILDHMHKCKCHGLS GSCEVKTCTWWAQPDFRAIGDFLKDKYDSASEMVVEKHRESRGWVETLRAKY SLFKPPTERDLVYYENSPNFCEPNPETGSFGTRDRTCNVTSHGIDGCDLLCCG RGHNTRTEKRKEKCHCIFHWCCYVSCQECIRIYDVHTCK</p>
Gene ID	7473
Gene Symbol	WNT3
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.

Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Application Notes	Use in functional reported in scientific literature (PMID 26108805)



Images

SDS-Page: Recombinant Human Wnt3 Protein [H00007473-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Y Park, M Lofton, D Li, MR Rasin Extrinsic Regulators of mRNA Translation in Developing Brain: Story of WNTs Cells, 2021-01-28;10(2):. 2021-01-28 [PMID: 33525513]

Duan RS, Liu PP, Xi F et al. Wnt3 and Gata4 regulate axon regeneration in adult mouse DRG neurons. Biochem Biophys Res Commun 2018-05-05 [PMID: 29567480]

Miranda Carlos J, Braun Lyndsey, Jiang Yuying et al. Aging brain microenvironment decreases hippocampal neurogenesis through Wnt-mediated survivin signaling. Aging Cell 2012-01-01 [PMID: 22404871] (AP, Human)

Wu Y, Tran T, Dwabe S et al. A83-01 inhibits TGF-B-induced upregulation of Wnt3 and epithelial to mesenchymal transition in HER2-overexpressing breast cancer cells. Breast Cancer Res Treat 2017-03-23 [PMID: 28337662]

Kraushar ML, Viljetic B, Wijeratne HR et al. Thalamic WNT3 Secretion Spatiotemporally Regulates the Neocortical Ribosome Signature and mRNA Translation to Specify Neocortical Cell Subtypes. J Neurosci. 2015-08-05 [PMID: 26245956]

Krivega M, Essahib W, Van de Velde H. WNT3 and membrane-associated B-catenin regulate trophectoderm lineage differentiation in human blastocysts Mol. Hum. Reprod. 2015-06-24 [PMID: 26108805] (Func, Human)



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

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/H00007473-P01

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

