

Product Datasheet

Recombinant Human Wnt-2 GST (N-Term) Protein H00007472-P01-2ug

Unit Size: 2 ug

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

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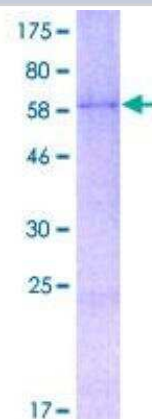
H00007472-P01-2ug**Recombinant Human Wnt-2 GST (N-Term) Protein**

| 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 | 65.34 kDa |
| Product Description | |
| Description | <p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-360 of Human WNT2 full-length ORF</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MNAPLGGIWLWLP LLTWTPEVNSSWWYMRATGGSSRVMCDNVPGLVSSQ RQLCHRHPDVMRAISQGVAEWTAECQHQRWNCNTLDRDHSLFGRVLL RSSRESAFVYAISSAGVVFAITRACSQGEVKSCSCDPKKMGSAKDSKGIFDWG GCSDNIDYGIFARAFVDAKERKKGKDARALMNLHNNRAGRKAVKRFLKQECKC HGVSGSCTLRTCWLAMADFRKTGDYLRKYNGAIQVVMNQDGTGFTVANER FKKPTKNDLVYFENSPDYCIRDREAGSLGTAGRVCNLT SRGMDSCEVMCCGR GYDTSHVTRMTKCGCKFWCCAVRCQDCLEALDVHTCKAPKNADWTTAT</p> |
| Gene ID | 7472 |
| Gene Symbol | WNT2 |
| 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 |



Images

SDS-Page: Recombinant Human Wnt-2 Protein [H00007472-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Tsaousi A, Williams H, Lyon CA et al. Wnt4/b-catenin signaling induces VSMC proliferation and is associated with intimal thickening. *Circ Res*. 2010-12-30 [PMID: 21193738]

Tran TH, Wang X, Browne C et al. Wnt3a-induced mesoderm formation and cardiomyogenesis in human embryonic stem cells. *Stem Cells* 2009-08-01 [PMID: 19544447] (Human)

Miller MF, Cohen ED, Baggs JE et al. Wnt ligands signal in a cooperative manner to promote foregut organogenesis *Proc Natl Acad Sci U S A* 2012-09-04 [PMID: 22949635]

Goss AM, Tian Y, Cheng L et al. Wnt2 signaling is necessary and sufficient to activate the airway smooth muscle program in the lung by regulating myocardin/Mrtf-B and Fgf10 expression. *Dev Biol*;356(2):541-52. 2011-08-15 [PMID: 21704027]

Habuchi H, Nagai N, Sugaya N et al. Mice deficient in heparan sulfate 6-O-sulfotransferase-1 exhibit defective heparan sulfate biosynthesis, abnormal placentation late embryonic lethality. *J Biol Chem*;282(21):15578-88. 2007-05-25 [PMID: 17405882]



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

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