

# Product Datasheet

## Recombinant Human Wnt-3a Protein H00089780-P01-2ug

Unit Size: 2 ug

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

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**H00089780-P01-2ug****Recombinant Human Wnt-3a Protein**

<b>Product Information</b>	
<b>Unit Size</b>	2 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0.
<b>Target Molecular Weight</b>	69.3 kDa

<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST-tag at N-terminal corresponding to the amino acids 1 - 385 of Human WNT3A full-length ORF</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MAPLG YFLL L CSLK QALGS YPIW WSLAV GPQYSSLGSQPILCASIPGLV PKQLR  FCRNYVEIMPSVAEGIKIGIQECQHQRGRRWNCTTVHDSLAI FG PVL DKATRE  SAFVHAIASAGVAF AVTRSCAEGTAAICGCSSRHQGS PGKGWKWGGCSE DIE  FGGMVSREFADARENRPDARSAMNRHNNEAGRQAIASHMHLKCKCHGLSGS  CEVKTCWWSQPDFRAIGDFLKD KYDSASEMVVEKHRESRGWVETLRPRYTYF  KVPTERDLVYYEASPNFCEPNPETGSFGTRDRTC NVSSHGIDGCDLLCCGRG  HNARAERRREKCR CVFHWCCYVSCQECTRVYDVHTCKNPGSRAGNSAHQPP  HPQPPVRFHPPLRRAGKVP</p>
<b>Gene ID</b>	89780
<b>Gene Symbol</b>	WNT3A
<b>Species</b>	Human
<b>Details of Functionality</b>	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.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

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

**Publications**

Zhang KL, Han L, Chen LY et al. Blockage of a miR-21/EGFR regulatory feedback loop augments anti-EGFR therapy in glioblastomas. *Cancer Lett.* 2013-09-03 [PMID: 24012640]





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### **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.

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