

Recombinant Human WNT2 Protein (26-360 aa), His-tagged

Cat. No. WNT2-2217H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WNT2 Protein (26-360 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Stem Cells. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	26-360 aa
Description	Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	39.6 kDa
AA Sequence	SWWYMRATGGSSRV MCDNVPGLVSSQRQLCHRHPDVMRAISQGVAEWTAECQH QFRQHRWNCNTLDRDHSLFGRVLLRSSRESAFVYAISSAGVVFAITRACSQGEVKS CSCDPKKMGSAKDSKGIFDWGGCSDNIDYGIKFARAFVDAKERKGKDARALMNLHN NRAGRKAVKRFLKQECKCHGVSGSCTLRTCWLAMADFRKTGDYLRKYNGAIQVV MNQDGTGFTVANERFKKPTKNDLVYFENSPDYCIRDREAGSLGTAGRVCNLTSRG MDSCEVMCCGRGYDTSHVTRMTKCGCKFHWCCAVRCQDCLEALDVHTCKAPKNA

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	DWTTAT
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	WNT2 wingless-type MMTV integration site family member 2 [Homo sapiens]
Official Symbol	WNT2
Synonyms	WNT2; INT1L1; protein Wnt-2; IRP; secreted growth factor; int-1-like protein 1; Int-1-related protein;
Gene ID	7472
mRNA Refseq	NM_003391
Protein Refseq	NP_003382
MIM	147870

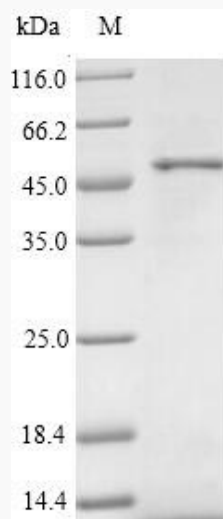
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UniProt ID

P09544



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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