

Recombinant Human WNT7B Protein (25-349 aa), His-SUMO-Myc-tagged

Cat. No. WNT7B-2291H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WNT7B Protein (25-349 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Stem Cells. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	25-349 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	56.3 kDa
AA Sequence	ALSSVVALGANIICNKIPGLAPRQRAICQSRPDAIIVIGEGAQMGINECQYQFRFGRW NCSALGEKTVFGQELRVGSREAAFTYAITAAGVAHAVTAACSQGNLSNCGCDREKQ GYYNQAEGWKWGGCSADVRYGIDFSRRFVDAREIKKNARRLMNLHNNEAGRKVLE DRMQLECKCHGVSGSCTTKTCWTTLPKFREVGHLLKEKYNAAVQVEVVRASRLRQ

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	PTFLRIKQLRSYQKPMETDLVYIEKSPNYCEEDAATGSVGTQGRLCNRTSPGADGC DTMCCGRGYNTHQYTKVWQCNCKFWCCFVKCNTCSERVEVFTCK
Purity	> 85% 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	WNT7B wingless-type MMTV integration site family, member 7B [Homo sapiens]
Official Symbol	WNT7B
Synonyms	WNT7B; wingless-type MMTV integration site family, member 7B; protein Wnt-7b;
Gene ID	7477
mRNA Refseq	NM_058238
Protein Refseq	NP_478679
MIM	601967

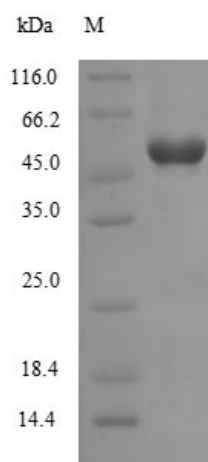
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UniProt ID

P56706



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

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