

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

Cat. No. WNT7B-2310M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse 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	Mouse
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	ALSSVVALGANIICNKIPGLAPRQRAICQSRPDAIIVIGEGAQMGIDECQHQRFRGRW NCSALGEKTVFGQELRVGSREAAFTYAITAAGVAHAVTAACSQGNLSNCGCDREKQ GYYNQAEGWKWGGCSADVRYGIDFSRRFVDAREIKKNARRLMNLHNNEAGRKVLE DRMKLECKCHGVSGSCTTKTCWTTLPKFREVGHLLKEKYNAAVQVEVVRASRLRQ

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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.

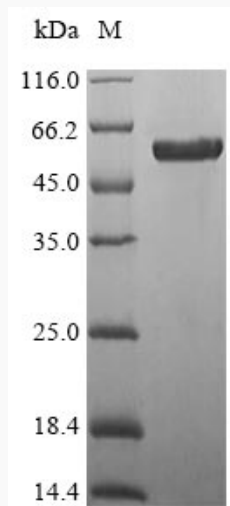
GENE INFORMATION

Gene Name	Wnt7b wingless-related MMTV integration site 7B [Mus musculus]
Official Symbol	WNT7B
Synonyms	WNT7B; wingless-related MMTV integration site 7B; protein Wnt-7b; Wnt-7b;
Gene ID	22422
mRNA Refseq	NM_001163633
Protein Refseq	NP_001157105
UniProt ID	P28047

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

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