

Recombinant Human WNT7B protein, GST-tagged

Cat. No. WNT7B-15H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WNT7B(32 a.a. - 349 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	32-349 a.a.
Description	This gene is a member of the WNT gene family, which consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. Among members of the human WNT family, this gene product is most similar to WNT7A protein.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	60.72 kDa
AA Sequence	LGANIICNKIPGLAPRQRAICQSRPDAIIVIGEGAQMGINECQYQFRFGRWNCSALGE KTVFGQELRVGSREAAF TYAITAAGVAHAVTAACSQGNLSNCGCDREKQGYYNQA EGWKWGGCSADVRYGIDFSRRFVDAREIKKNARRLMN LHNNEAGKKVLEDRLMQL ECKCHGVSGSCTTKTCWTTLPKFREVGHLLEEKYNAAVQVEVVRASRLRQPTFLRI KQ LRSYQKPMETDLVYIEKSPNYCEEDAATGSVGTQGRLCNRTSPGADGCDTMCC GRGYNTHQYTKVWQCNCCKFHCW CFVKCNTCSERVEVFTCK

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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
UniProt ID	P56706
Chromosome Location	22q13
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; DNA damage response (only ATM dependent), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HTLV-I infection, organism-specific biosystem;

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HTLV-I infection, conserved biosystem;

Function

extracellular matrix structural constituent; frizzled binding; receptor binding;

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