

Recombinant Human WNT2B protein, His & GST-tagged

Cat. No. WNT2B-1892H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WNT2B aa. (Tyr62~Thr391 (Accession # Q93097)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Tyr62~Thr391
Description	This gene encodes a member of the wingless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. WNT family members function in a variety of developmental processes including regulation of cell growth and differentiation and are characterized by a WNT-core domain. This gene may play a role in human development as well as carcinogenesis. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 67.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	9.3

GENE INFORMATION

Gene Name	WNT2B Wnt family member 2B [Homo sapiens (human)]
Official Symbol	WNT2B
Synonyms	WNT2B; Wnt family member 2B; WNT13; protein Wnt-2b; XWNT2, Xenopus, homolog of; wingless-type MMTV integration site family, member 13; wingless-type MMTV integration site family, member 2B
Gene ID	7482
mRNA Refseq	NM_001291880.1
Protein Refseq	NP_001278809.1
UniProt ID	Q93097

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