

Wnt2b Protein, Human, Recombinant (His & SUMO)

General Information

Synonyms:	WNT13;Protein Wnt-13;WNT2B;Protein Wnt-2b
Protein Construction:	1-391 aa
Species:	Human
Expression Host:	E. coli
Accession:	Q93097
Molecular Weight:	59.8 kDa (predicted)
AA Sequence:	MLRPGGAEAAQLPLRRASAPVVPVSPAAPDGSRSARLGLACLLLLLLTLPARVDTSWWYIGALGARVICD NIPGLVSRQRQLCQRYPDIMRSVGEAREWIRECQHQFRHHRWNCTTLDRDHTVFGRVMLRSSREAAFVYAI SSAGVVHAITRACSQGELSVCSDDPYTRGRHHDQRGDFDWGGCSDNIHYGVRFKAFVDAKEKRLKDARAL MNLHNNRCGRTAVRRFLKLECKCHGVSGSCTLRTCWRALSDFRRTGDYLRRLRRYDGAVQVMATQDGANFTA ARQGYRRATRDLVYFDNSPDYCVLDKAAGSLGTAGRVCSKTSKGTGCEIMCCGRGYDTRVTRVTQCECK FHWCCA VRCKE CRNTVDVHTCKAPKKA EWLDQT

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Ligand for members of the frizzled family of seven transmembrane receptors. Functions in the canonical Wnt/beta-catenin signaling pathway. Plays a redundant role in embryonic lung development.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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