

Wnt7b Protein, Mouse, Recombinant (His & Myc & SUMO)

General Information

Synonyms: Protein Wnt-7b;Wnt7b;Wnt-7b

Protein Construction: 25-349 aa

Species: Mouse

Expression Host: E. coli

Accession: P28047

Molecular Weight: 56.3 kDa (predicted)

AA Sequence: ALSSVVALGANIICNKIPGLAPRQRAICQSRPDAAIIVIGEGAQMGIDECQHQFRFGRWNCALGEKTVFGQELR
VGSREAAFTYAITAAGVAHAVTAACSQGNLSNCGCDREKQGYYNQAEGWKWGGCSADVRYGIDFSRRFVD
AREIKKNARRLMNLHNNEAGRKVLDRMKLECKCHGVSGSCTTKTCWTTLPKFREVGHLLKEYNAAVQVEV
VRASRLRQPTFLRIKQLRSYQKPMETDLVYIEKSPNYCEEDAATGSVGTQGRLCNRTSPGADGCDTMCCGRG
YNTHQYTKVWQCNCKFWCCFVKCNTCSERVEFTCK

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: > 85% as determined by SDS-PAGE.

Endotoxin: < 1.0 EU/μg of the protein as determined by the LAL method.

Formulation: Tris-based buffer, 50% glycerol

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 that functions in the canonical Wnt/beta-catenin signaling pathway. Required for normal fusion of the chorion and the allantois during placenta development. Required for central nervous system (CNS) angiogenesis and blood-brain barrier regulation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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