

Recombinant Human WNT5B Protein, His&GST-tagged

Cat. No. WNT5B-587H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WNT5B Protein (Gln18-Lys359) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln18-Lys359
Description	The WNT gene family consists of structurally related genes which 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. This gene is a member of the WNT gene family. It encodes a protein which shows 94% and 80% amino acid identity to the mouse Wnt5b protein and the human WNT5A protein, respectively. Alternative splicing of this gene generates 2 transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 68.5 kDa Accurate Molecular Mass: 69 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	WNT5B wingless-type MMTV integration site family, member 5B [Homo sapiens (human)]
Official Symbol	WNT5B
Synonyms	WNT5B; wingless-type MMTV integration site family, member 5B; protein Wnt-5b; WNT-5B protein; MGC2648
Gene ID	81029
mRNA Refseq	NM_030775
Protein Refseq	NP_110402
MIM	606361

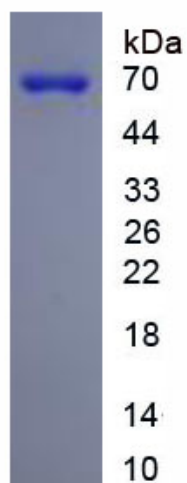
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UniProt ID

Q9H1J7



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