

Recombinant Human WNT10B protein, His & T7-tagged

Cat. No. WNT10B-1494H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WNT10B aa. (Glu30~Pro322 (Accession # O00744)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Glu30~Pro322
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 may be involved in breast cancer, and its protein signaling is likely a molecular switch that governs adipogenesis. This protein is 96% identical to the mouse Wnt10b protein at the amino acid level. This gene is clustered with another family member, WNT1, in the chromosome 12q13 region.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Applications	SDS-PAGE; WB; ELISA; IP.
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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	9.6

GENE INFORMATION

Gene Name	WNT10B Wnt family member 10B [Homo sapiens (human)]
Official Symbol	WNT10B
Synonyms	WNT10B; Wnt family member 10B; SHFM6; STHAG8; WNT-12; protein Wnt-10b; WNT-10B protein; wingless-type MMTV integration site family, member 10B
Gene ID	7480
mRNA Refseq	NM_003394.3
Protein Refseq	NP_003385.2

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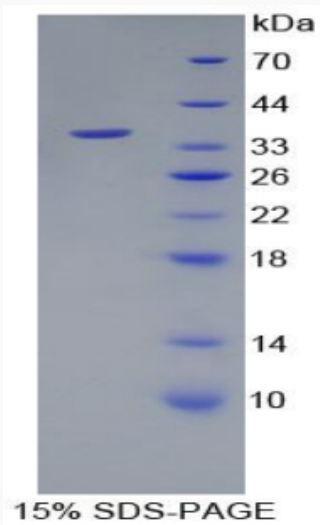
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UniProt ID

O00744

SDS-PAGE



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