

Recombinant Full Length Human WNT10B Protein, N-GST-tagged

Cat. No. WNT10B-42HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human WNT10B full-length ORF (BAG35752.1, 1 a.a. - 389 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	1-389 aa
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	69.19 kDa
AA Sequence	MLEEPRPRPPPSGLAGLLFLALCSRALSNEILGLKLPGEPLTANTVCLTSLGLSKRQ LGLCLRNPDVTASALQGLHIAVHECQHQLRDQRWNCSALEGGGRLPHHSAILKRGF

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RESAFSFSMLAAGVMHAVATACSLGKLVSCGCGWKSGEQDRLRAKLLQLQALSR
GKSFPHSLPSPGPGSSPSPGPQDTWEWGGCNHDMDFGEKFSRDFLDSREAPRDI
QARMRIHNNRVGRQVV TENLKRKCKCHGTSGSCQFKTCWRAAPEFRAVGAALRER
LGRAIFIDTHNRNSGAFQPRLRPRRLSGELVYFEKSPDFCERDPTMGSPGTRGRAC
NKTSRLLDGCGSLCCGRGHNVLRQTRVERCHCRFWCCYVLCDECKVTEWVNVC
K

Purity Glutathione Sepharose 4 Fast Flow

Applications Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Preparation in vitro wheat germ expression system

GENE INFORMATION

Gene Name WNT10B Wnt family member 10B [Homo sapiens (human)]

Official Symbol WNT10B

Synonyms SHFM6; STHAG8; WNT-12

Gene ID 7480

mRNA Refseq NM_003394.4

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Protein Refseq	NP_003385.2
MIM	601906
UniProt ID	O00744

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