

Full-Length

WNT10B (Human) Recombinant Protein (P01)

Catalog # H00007480-P01

Size 50 ug

Specification

Product Description	Human WNT10B full-length ORF (BAG35752.1, 1 a.a. - 389 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLEEPRPRPPPSGLAGLLFLALCSRALSNEILGLKLPGEPPLTANTVCLTSLGLSKRQLGLCLRNP DVTASALQGLHIAVHECQHQLRDQRWNC SALEGGGRLPHHSAILKRGFRESAFSFSMLAAGVMH AVATACSLGKLVSCGCGWKSGEQDRLRAKLLQLQALSRGKSFPHSLPSPGPGSSPSPGPQD TWEWGGCNHDMDFGEKFSRDFLDSREAPRDIQARMRIHNNRVGRQVVTENLKRKCKCHGTSGS CQFKTCWRAAPEFRAVGAALRERLGRAIFIDTHNRNSGAFQPRLRPRLSGELVYFEKSPDFCER DPTMGSPGTRGRACNKTSRLLDGCGSLCCGRGHNVLRQTRVERCHCRFWCCYVLCDECKVT EWWNVCK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	69.19
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

- Antibody Production
- Protein Array

Gene Info — WNT10B

Entrez GeneID [7480](#)

GeneBank Accession# [AK312906.1](#)

Protein Accession# [BAG35752.1](#)

Gene Name WNT10B

Gene Alias SHFM6, WNT-12

Gene Description wingless-type MMTV integration site family, member 10B

Omim ID [601906](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations WNT-10B protein

Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Hip Fractures](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Spinal Fractures](#)