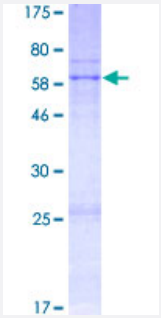
Full-Length

WNT9B (Human) Recombinant Protein (P01)

Catalog # H00007484-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human WNT9B full-length ORF (AAH64534.1, 1 a.a. - 329 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRPPPALALAGLCLLALPAAAASYFGLTGREVLTPFPGLGTAAAPAQGGAHLKQCDLLKLSRRQ KQLCRREPGLAETLRDAAHLGLLECQFQFRHERWNCSLEGRTGLLKRGFKETAFLYAVSSAALT HTLARACSAGRMERCTCDDSPGLESRQAWQWGVCGDNLKYSTKFLSNFLGSKRGNKDLRARA DAHNTHVGIKAVKSGLRTTCKCHGVSGSCAVRTCWKQLSPFRETGQVLKLRYDSAVKVSSATNE ALGRLELWAPARQGSLTKGLAPRSGDLVYMEDSPSFCRPSKYSPGTAGWSAVARSQLITTSTSRI QAILPSQLPE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	62
Interspecies Antigen Sequence	Mouse (95); Rat (94)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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 — WNT9B

Entrez GeneID	7484
GeneBank Accession#	BC064534.1
Protein Accession#	AAH64534.1
Gene Name	WNT9B
Gene Alias	WNT14B, WNT15
Gene Description	wingless-type MMTV integration site family, member 9B
Omim ID	602864
Gene Ontology	Hyperlink
Gene Summary	The WNT gene family consists of structurally related genes that 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. Study of its expression in the teratocarcinoma cell line NT2 suggests that it may be implicated in the early process of neuronal differentiation of NT2 cells induced by retinoic acid. This gene is clustered with WNT3, another family member, in the chromosome 17q21 region. [provided by RefSeq
Other Designations	wingless-type MMTV integration site family, member 15

Pathway

- Basal cell carcinoma
- Hedgehog signaling pathway
- Melanogenesis
- Pathways in cancer
- Wnt signaling pathway

Disease

- Cleft Lip
- Cleft Palate
- Genetic Predisposition to Disease
- Tobacco Use Disorder