

Recombinant Human WNT9B protein, GST-tagged

Cat. No. WNT9B-332H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WNT9B(1 a.a. - 329 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-329 a.a.
Description	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. Alternative splicing results in multiple transcript variants.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	62 kDa
AA Sequence	MRPPPALALAGLCLLALPAAAASYFGLTGREVLTPFPGLGTAAAPAQGGAHLKQCDL LKLSRRQKQLCRREPLA ETLRDA AHLGLLECQFQFRHERWNCSLEGRTGLLKRG FKETAFLYAVSSAALHTLARACSAGRMRCTCDDSPG LESRQAWQWGVCGDNL

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KYSTKFLSNFLGSKRGNKDLRARADAHNTHVGIKAVKSGLRRTTCKCHGVSGSCAVR
TCW KQLSPFRETGQVLKRLRYDSAVKVSSATNEALGRLELWAPARQGSLTKGLAPR
SGDLVYMEDSPSFCRPSKYSPGT AGWSAVARSQLITTSTSRIQAILPSQLPE

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.

GENE INFORMATION

Gene Name

WNT9B wingless-type MMTV integration site family, member 9B [Homo sapiens]

Official Symbol

WNT9B

Synonyms

WNT9B; wingless-type MMTV integration site family, member 9B; wingless type
MMTV integration site family, member 15 , WNT15; protein Wnt-9b; WNT14B; protein
Wnt-14b; wingless-type MMTV integration site family, member 15; WNT15;

Gene ID

7484

mRNA Refseq

NM_003396

Protein Refseq

NP_003387

MIM

602864

UniProt ID

O14905

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Chromosome Location	17q21
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Hedgehog signaling pathway, organism-specific biosystem;
Function	G-protein coupled receptor binding; receptor binding;

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