

Recombinant Full Length Human WNT3A Protein, GST-tagged

Cat. No. WNT3A-635HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human WNT3A(1 a.a. - 385 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	385 amino acids
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 encodes a protein which shows 96% amino acid identity to mouse Wnt3A protein, and 84% to human WNT3 protein, another WNT gene product. This gene is clustered with WNT14 gene, another family member, in chromosome 1q42 region.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	69.3 kDa
AA Sequence	MAPLG YFLLL CSLKQALGSY PIWWSLAVGP QYSSLGSQPI LCASIPGLVP KQLRFCRNYV EIMPSVAEGI KIGIQECQH Q FRGRRWNCTT VHDSLAIFGP VLDKATRESA FVHAIASAGV AFAVTRSCAE GTAAICGCSS RHQGSPGKGW KWGGCSEDIE FGGMVSREFA DARENRPDAR SAMNRHNEA GRQAIASHMH

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LKCKCHGLSG SCEVKTCWWS QPDFRAIGDF LKDKYDSASE MVVEKHRESR
 GWVETLRPRY TYFKVPTERD LVYYEASPNF CEPNPETGSF GTRDRTCNS
 SHGIDGCDLL CCGRGHNARA ERRREKCRV FHWCCYVSCQ ECTRVYDVHT
 CKNPGSRAGN SAHQPPHPQP PVRFHPLRR AGKVP

Applications

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

Storage

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

GENE INFORMATION
Gene Name

WNT3A wingless-type MMTV integration site family, member 3A [Homo sapiens]

Official Symbol

WNT3A

Synonyms

WNT3A; wingless-type MMTV integration site family, member 3A; protein Wnt-3a;
 MGC119418; MGC119419; MGC119420

Gene ID

89780

mRNA Refseq

NM_033131

Protein Refseq

NP_149122

MIM

606359

UniProt ID

P56704

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