

# Recombinant Full Length Human WNT3A Protein, GST-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length Human WNT3A(1 a.a. - 385 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 385 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | 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. |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 69.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MAPLGYFLLL CSLKQALGSY PIWWSLAVGP QYSSLGSQPI LCASIPGLVP<br>KQLRFCRNYV EIMPSVAEGI KIGIQECQH Q FRGRRWNCTT VHDSLAIFGP<br>VLDKATRESA FVHAIASAGV AFAVTRSCAE GTAAICGCSS RHQGSPGKGW<br>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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