Recombinant Full Length Human WNT3 Protein, GST-tagged

Cat. No. WNT3-549HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WNT3 encoding human full-length ORF(1 a.a. - 385 a.a.), fused a GST-tag at N-treminal was expressed in Wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	385 amino acids
Description	WNT3 belongs to the Wnt family of signaling proteins that play a key role in maintaining the integrity of embryonic and adult tissues. Expression of WNT3 occurs primarily along the dorsal midline across overlapping regions of the Central Nervous System (CNS). WNT3 signaling is essential for various morphogenetic events including embryonic patterning, cell determination, cell proliferation, CNS development, and cytoskeletal formation.
Form	Liquid. 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
AA Sequence	MEPHLLGLLL GLLLGGTRVL AGYPIWWSLA LGQQYTSLGS QPLLCGSIPG LVPKQLRFCR NYIEIMPSVA EGVKLGIQEC QHQFRGRRWN CTTIDDSLAI FGPVLDKATR ESAFVHAIAS AGVAFAVTRS CAEGTSTICG CDSHHKGPPG EGWKWGGCSE DADFGVLVSR EFADARENRP DARSAMNKHN NEAGRTTILD HMHLKCKCHG LSGSCEVKTC WWAQPDFRAI GDFLKDKYDS ASEMVVEKHR ESRGWVETLR AKYSLFKPPT ERDLVYYENS PNFCEPNPET GSFGTRDRTC NVTSHGIDGC DLLCCGRGHN TRTEKRKEKC HCIFHWCCYV SCQECIRIYD

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	VHTCK
Purity	Glutathione Sepharose 4 Fast Flow
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	WNT3 wingless-type MMTV integration site family, member 3 [Homo sapiens]
Official Symbol	WNT3
Synonyms	wingless-type MMTV integration site family, member 3; INT4; Proto-oncogene Int-4 homolog; MGC131950; MGC138321; MGC138323; Proto oncogene Int 4 homolog; Proto oncogene Wnt 3; Wnt 3 proto oncogene protein; WNT 3 proto oncogene protein precursor
Gene ID	7473
mRNA Refseq	NM_030753.3
Protein Refseq	NP_110380.1
MIM	165330
UniProt ID	P56703

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