

Recombinant Full Length Human WNT9A Protein, GST-tagged

Cat. No. WNT9A-550HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human WNT9A full-length ORF (NP_003386, 1 a.a. - 365 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	365 amino acids
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. It is expressed in gastric cancer cell lines. The protein encoded by this gene shows 75% amino acid identity to chicken Wnt14, which has been shown to play a central role in initiating synovial joint formation in the chick limb. This gene is clustered with another family member, WNT3A, in the chromosome 1q42 region.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	65.78 kDa
AA Sequence	MLDGSPLARW LAAAFGLTLL LAALRPSAAY FGLTGSEPLT ILPLTLEPEA AAQAHYKACD RLKLERKQRR MCRRDPGVAE TLVEAVSMSA LECQFQFRFE RWNCTLEGRY RASLLKRGFK ETAFLYAISS AGLTHALAKA CSAGRMERCT

 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

CDEAPDLENR EAWQWGGCGD NLKYSSKFVK EFLGRRSSKD LRARVDFHNN
 LVGVKVIKAG VETTCKCHGV SGCTVRTCW RQLAPFHEVG KHLKHKYETA
 LKVGSTTNEA AGEAGAISPP RGRASGAGGS DPLPRTPELV HLDDSPSFCL
 AGRFSPGTAG RRCHREKNCE SICCGRGHNT QSRVVTRPCQ CQVRWCCYVE
 CRQCTQREEV YTCKG

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 [WNT9A Wnt family member 9A \[Homo sapiens \(human\) \]](#)

Official Symbol [WNT9A](#)

Synonyms [MGC138165](#); [MGC141991](#); [WNT14](#)

Gene ID [7483](#)

mRNA Refseq [NM_003395.1](#)

Protein Refseq [NP_003386](#)

MIM [602863](#)

UniProt ID [O14904](#)

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