

Recombinant Full Length Human WNT10A Protein, GST tagged

Cat. No. WNT10A-01HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human WNT10A full-length ORF (BAG37548.1, 1 a.a. - 417 a.a.) recombinant protein with GST tag at N-terminal was expressed in Wheat Germ (in vitro).
Species	Human
Source	Wheat Germ
ProteinLength	1-417 aa
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 is strongly expressed in the cell lines of promyelocytic leukemia and Burkitt's lymphoma. In addition, it and another family member, the WNT6 gene, are strongly coexpressed in colorectal cancer cell lines. The gene overexpression may play key roles in carcinogenesis through activation of the WNT-beta-catenin-TCF signaling pathway. This gene and the WNT6 gene are clustered in the chromosome 2q35 region.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	72.27 kDa
AASequence	MGSAHPRPWRLRLRPQPQPRPALWVLLFFLLLLAAAMPR SAPNDILDRLPPEPVLNA NTVCLTLPLGLSRRQMEVCVRHPDVAASAIQGIQIAIHECQHQRDQRWNCSSLETR

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NKIPYESPIFSRGRFRESAFAYAIAAAGVVHAVSNACALGKLKACGCDASRRGDDEEAF
RRKLHRLQLDALQRGKGLSHGVPEHPALPTASPLQDSWEWGGCSPDMGFGFERF
SKDFLDSREPHRDIHARMRLHNNRVGRQAVMENMRRKCKCHGTSGSCQLKTCWQ
VTPEFRTVGALLRSRFRATLIRPHNRNGGQLEPGPAGAPSPAPGAPGPRRRASPA
DLVYFEKSPDFCEREPRLDSAGTVGRLCNKSSAGSDGCGSMCCGRGHNILRQTRS
ERCHCRFWCCFVVCEECRITWVSVCK

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

WNT10A Wnt family member 10A [Homo sapiens (human)]

Official Symbol

WNT10A

Synonyms

WNT10A; Wnt family member 10A; OODD; SSPS; ECTD16; STHAG4; protein Wnt-10a; wingless-type MMTV integration site family, member 10A

Gene ID

80326

mRNA Refseq

NM_025216

Protein Refseq

NP_079492

MIM

606268

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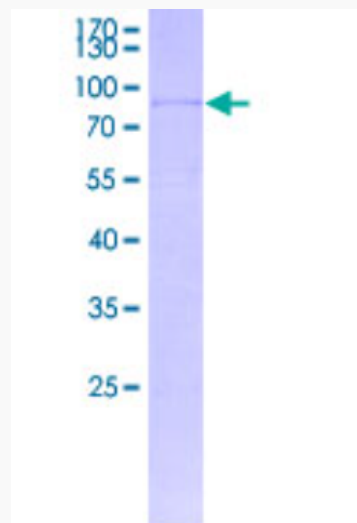
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UniProt ID

Q53S44

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