

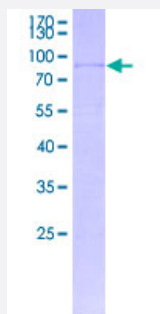
Full-Length

WNT10A (Human) Recombinant Protein (P01)

Catalog # H00080326-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human WNT10A full-length ORF (BAG37548.1, 1 a.a. - 417 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MGSAHPRPWRLRPQPQPRPALWLLFFLLLLAAAMP RSAPNDILDLRLPPEPVLNANTVCLTLP
GLSRRQMEVCVRHPDVAASAIQGIQIAIHECQHQRDQRWNCSSLETRNKIPYESPIFSRGFRESA
FAYAAAAAGVVHAVSNACALGKLKACGCDASRRGDEEAFRRKLHRLQLDALQRGKGLSHGVPE
HPALPTASPLQDSWEWGGCSPDMGFGERFSKDFLDSREPHRDIHARMRLHNNRVGRQAVME
NMRRKCKCHGTSGSCQLKTCWQVTPEFRTVGALLRSRFRATLIRPHNRRNGGQLEPGPAGAPS
PAPGAPGPRRRASPADLVYFEKSPDFCEREPRLDSAGTVGRCLCNKSSAGSDGCGSMCCGRGH
NILRQTRSERCHCRFWCCFVVCCECRITEWWSVCK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72.27

Interspecies Antigen Sequence

Mouse (95); Rat (95)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — WNT10A

Entrez GeneID	80326
GeneBank Accession#	AK315081.1
Protein Accession#	BAG37548.1
Gene Name	WNT10A
Gene Alias	FLJ14301
Gene Description	wingless-type MMTV integration site family, member 10A
Omim ID	257980 606268
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	-

Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)