

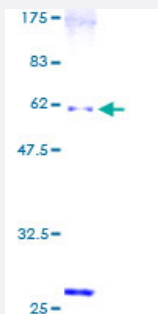
Full-Length

SNX6 (Human) Recombinant Protein (P01)

Catalog # H00058533-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SNX6 full-length ORF (AAH01798, 1 a.a. - 290 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTKEEFTKMKQELEAEYLAIFKKTVMHEVFLCRVAAHPIGRDLNFHFVLEYNQDLSVRGKNKK
EKLEDDFFKNMVKSadgVIVSGVKDvDDFFEHERTFLLEYHNRVKDASAKSDRMTRSHKSAADDY
NRIGSSLYALGTQDSTDICKFFLKVSElFDKTRKIEARVSADEDLKLSDLLKYLRRESQAADLLYR
RSRSLVDYENANKALDKARAKNKDVLQAETSQQLCCQKFekISESAKQELIDFKTRRVAAFRKNL
VELAELELKHAKGNLQLLQNCLAVLNGDT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.64

Interspecies Antigen Sequence

Mouse (99); Rat (99)

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 — SNX6

Entrez GeneID[58533](#)**GeneBank Accession#**[BC001798](#)**Protein Accession#**[AAH01798](#)**Gene Name**

SNX6

Gene Alias

MGC3157, MSTP010, TFAF2

Gene Description

sorting nexin 6

Omim ID[606098](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein associates with the long isoform of the leptin receptor, the transforming growth factor-beta family of receptor serine-threonine kinases, and with receptor tyrosine kinases for platelet-derived growth factor, insulin, and epidermal growth factor. This protein may form oligomeric complexes with family member proteins through interactions of both the PX domain and the coiled coil regions of the molecules. Translocation of this protein from the cytoplasm to the nucleus occurs after binding to proviral integration site 1 protein. This gene results in two transcripts encoding two distinct isoforms. [provided by RefSeq]

Other Designations

OTTHUMP00000178808|OTTHUMP00000178809|tumor necrosis factor receptor-associated factor 4 (TRAF4)-associated factor 2