

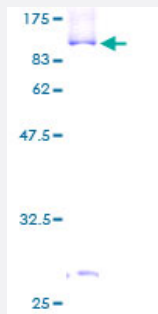
Full-Length

SNX9 (Human) Recombinant Protein (P01)

Catalog # H00051429-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SNX9 full-length ORF (AAH05022, 1 a.a. - 595 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MATKARVMYDFAAEPGNNELTVNEGEIITITNPDVGGGWLEGRNIKGERGLVPTDYVEILPSDGKD
QFSCGNSVADQAFLDSLASTAHASSSAASNNHQVSGNDPWSAWSASKSGNWESSEGWGA
QPEGAGAQRNTNTPNNWDTAFGHPQAYQGPATGDDDDWDEDWDGPKSSSYFKDSESADAGG
AQRGNSRASSSSMKIPLNKFPFGFAEPGTEQYLLAKQLAKPKEKIPVGDYGPMWVYPTSTFDCVV
ADPRKGSKMYGLKSYIEYQLTPTNTNRSVNHRYKHFDWLYERLLVKFGSAIPIPSLPDKQVTGRFE
EEFIKMRMERLQAWMTRMCRHPVISESEVFQQFLNFRDEKEWKTGKRKAERDELAVMIFSTME
PEAPDLDLVEIEQKCEAVGKFTKAMDGVKELLTVGQEHWKRCTGPLPKEYQKIGKALQSLATV
FSSSGYQGETDLNDAITEAGKTYEEIASLVAEQPKKDLHFLMECNHEYKGFLGCFDPDVIGTHKGA
EKKESDKLVATSKITLQDKQNMVKRVSIMSYALQAEMNHFHSNRIDYNSVIRLYLEQQVQFYETI
AEKLRQALSFRFPVM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

91.19

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 — SNX9

Entrez GeneID [51429](#)

GeneBank Accession# [BC005022](#)

Protein Accession# [AAH05022](#)

Gene Name SNX9

Gene Alias MST155, MSTP155, SDP1, SH3PX1, SH3PXD3A, WISP

Gene Description sorting nexin 9

Omim ID [605952](#)

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 does not contain a coiled coil region, like some family members, but does contain a SH3 domain near its N-terminus. This protein interacts with the cytoplasmic domains of the precursor but not the processed forms of a disintegrin and metalloprotease domain 9 and 15. This protein binds the beta-appendage domain of adaptor protein 2 and may function to assist adaptor protein 2 in its role at the plasma membrane. This protein interacts with activated Cdc42-associated kinase-2 to regulate the degradation of epidermal growth factor receptor protein. [provided by RefSeq]

Other Designations

OTTHUMP00000040083|SH3 and PX domain-containing protein SH3PX1|Wiskott-Aldrich syndrome protein (WASP) interactor protein

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Tobacco Use Disorder](#)