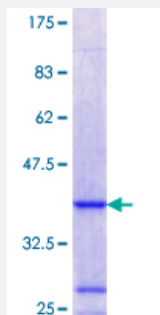


SNX13 (Human) Recombinant Protein (Q01)

Catalog # H00023161-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SNX13 partial ORF (NP_055947.1, 861 a.a. - 957 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RTRVAGKTKLLAIMPDELKHIIGAETTRKGILRVFEMFQHNQLNRRMVYVFLEGFLETLPQYKFREL FNKLHSRSKQMQKYKQKLQTTQAPSLQKR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.41
Interspecies Antigen Sequence	Mouse (97); Rat (77)
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 — SNX13

Entrez GeneID [23161](#)

GeneBank Accession# [NM_015132](#)

Protein Accession# [NP_055947.1](#)

Gene Name SNX13

Gene Alias KIAA0713, RGS-PX1

Gene Description sorting nexin 13

Omim ID [606589](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a PHOX domain- and RGS domain-containing protein that belongs to the sorting nexin (SNX) family and the regulator of G protein signaling (RGS) family. The PHOX domain is a phosphoinositide binding domain, and the SNX family members are involved in intracellular trafficking. The RGS family members are regulatory molecules that act as GTPase activating proteins for G alpha subunits of heterotrimeric G proteins. The RGS domain of this protein interacts with G alpha(s), accelerates its GTP hydrolysis, and attenuates G alpha(s)-mediated signaling. Overexpression of this protein delays lysosomal degradation of the epidermal growth factor receptor. Because of its bifunctional role, this protein may link heterotrimeric G protein signaling and vesicular trafficking. [provided by RefSeq]

Other Designations rgs domain- and phox domain-containing protein

Disease

- [Tobacco Use Disorder](#)