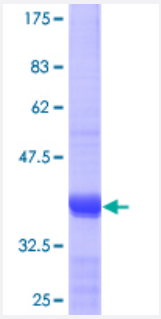
SNAPAP (Human) Recombinant Protein (Q01)

Catalog # H00023557-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SNAPAP partial ORF (NP_036569.1, 41 a.a. - 136 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DSHVHAVRESQVELREQIDNLATELCRINEDQKVALDLDPYVKKLLNARRRVVLVNNILQNAQERL RRLNHSVAKETARRRAMLDSGIYPPGSPGK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.3
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 — SNAPIN

Entrez GeneID	23557
GeneBank Accession#	NM_012437
Protein Accession#	NP_036569.1
Gene Name	SNAPIN
Gene Alias	SNAPAP
Gene Description	SNAP-associated protein
Omim ID	607007
Gene Ontology	Hyperlink
Gene Summary	SNAPAP is a component of the SNARE complex of proteins that is required for synaptic vesicle docking and fusion (Ilardi et al., 1999 [PubMed 10195194]). SNAPAP is also a component of the ubiquitously expressed BLOC1 multisubunit protein complex. BLOC1 is required for normal biogenesis of specialized organelles of the endosomal-lysosomal system, such as melanosomes and platelet dense granules (Starcevic and Dell'Angelica, 2004 [PubMed 15102850]).[supplied by OMIM
Other Designations	OTTHUMP00000035157|SNAP-25-binding protein|SNARE associated protein snapin