

Product datasheet for **TP302602L**

SNAPIN (NM_012437) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human SNAP-associated protein (SNAPIN), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC202602 protein sequence
Red=Cloning site **Green**=Tags(s)

MAGAGSAAVSGAGTPVAGPTGRDLFAEGLLEFLRPAVQQLDSHVHAVRESQVELREQIDNLATELCRINE
DQKVALDLDPYVKLLNARRRVLVNINILQNAQERLRRLNHSVAKETARRRAMLDSGIYPPGSPGK

SGPTRTRPLE**QKLISEEDLA**ANDILDY**KDDDDK**V

Tag: C-Myc/DDK

Predicted MW: 14.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_036569](#)

Locus ID: 23557

UniProt ID: [O95295](#)

RefSeq Size: 1052

Cytogenetics: 1q21.3



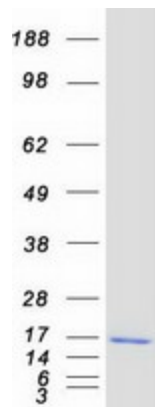
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RefSeq ORF: 408

Synonyms: BLOC1S7; BLOS7; BORCS3; SNAPAP

Summary: The protein encoded by this gene is a coiled-coil-forming protein that associates with the SNARE (soluble N-ethylmaleimide-sensitive fusion protein attachment protein receptor) complex of proteins and the BLOC-1 (biogenesis of lysosome-related organelles) complex. Biochemical studies have identified additional binding partners. As part of the SNARE complex, it is required for vesicle docking and fusion and regulates neurotransmitter release. The BLOC-1 complex is required for the biogenesis of specialized organelles such as melanosomes and platelet dense granules. Mutations in gene products that form the BLOC-1 complex have been identified in mouse strains that are models of Hermansky-Pudlak syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]

Product images:



Coomassie blue staining of purified SNAPIN protein (Cat# [TP302602]). The protein was produced from HEK293T cells transfected with SNAPIN cDNA clone (Cat# [RC202602]) using MegaTran 2.0 (Cat# [TT210002]).