

Recombinant Full Length Human SNAPIN Protein, C-Flag-tagged

Cat. No. SNAPIN-2091HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SNAPIN Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	14.7 kDa
AA Sequence	MAGAGSAAVSGAGTPVAGPTGRDLFAEGLLEFLRPAVQQLD SHVHAVRESQVELR EQIDNLATELCRINE DQKVALDLPYVKLLNARRRVVLVNNILQNAQERLRRLNHS

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	VAKETARRRAMLDSGIYPPGSPGK SGPTRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	SNAPIN SNAP associated protein [Homo sapiens (human)]
Official Symbol	SNAPIN
Synonyms	BLOS7; BORCS3; SNAPAP; BLOC1S7
Gene ID	23557
mRNA Refseq	NM_012437.6
Protein Refseq	NP_036569.1

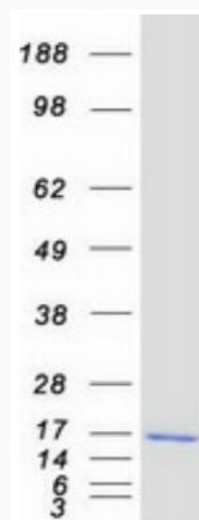
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MIM 607007

UniProt ID O95295



Coomassie blue staining of purified SNAPIN protein.

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