

Recombinant Human SNAPIN Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SNAPIN-3210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SNAPIN MS Standard C13 and N15-labeled recombinant protein (NP_036569) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	14.9 kDa
AA Sequence	MAGAGSAAVSGAGTPVAGPTGRDLFAEGLLEFLRPVQQLDSHVHAVRESQVELR EQIDNLATELCRINEDQKVALDLDPYVKLLNARRRVVLVNNILQNAQERLRRLNHSV AKETARRRAMLDSGIYPPGSPGKSGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

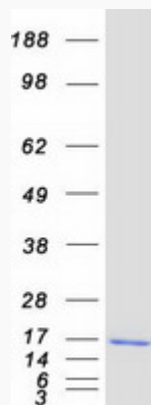
GENE INFORMATION

Gene Name	SNAPIN SNAP-associated protein [Homo sapiens (human)]
Official Symbol	SNAPIN
Synonyms	SNAPIN; SNAP-associated protein; SNAPAP; SNARE-associated protein Snapin; SNAP 25 binding protein; snapin; SNAP-25-binding protein; SNARE associated protein snapin; synaptosomal-associated protein 25-binding protein;
Gene ID	23557
mRNA Refseq	NM_012437
Protein Refseq	NP_036569
MIM	607007
UniProt ID	O95295

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SDS-PAGE

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