

Recombinant Human SNAP-associated Protein

Cat. No. SNAPIN-307H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SNAPAP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques (156 aa, 17kDa).
Species	Human
Source	E.coli
Description	SNAPAP (SNAP associated protein) was enriched in neurons and exclusively located on synaptic vesicle membrane protein. SNAPAP is an important component of the neurotransmitter release process through its modulation of the sequential interactions between the SNAREs and synaptotagmin, which is a component of the SNARE complex that is required for synaptic vesicle docking and fusion.
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 5 mM DTT, 2 mM EDTA, 0.2 M NaCl, 40% glycerol.
Molecular Weight	17 kDa (156aa).
Purity	> 90% by SDS – PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequence	MGSSHHHHHH SSGLVPRGSH MAGAGSAAVS GAGTPVAGPT GRDLFAEGLL EFLRPAVQQL DSHVHAVRES QVELREQIDN LATELCRINE DQKVALDLDP

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YVKKLLNARR RVVLVNNILQ NAQERLRRLN HSVAKETARR RAMLDSGIYP
PGSPGK

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

SNAPIN

Synonyms

SNAPIN; SNAP-associated protein; SNAPAP; SNAP25BP; OTTHUMP00000035157; SNAP-25-binding protein; SNAP-associated protein; SNARE associated protein snapin; Synaptosomal-associated protein 25-binding protein.

Gene ID

23557

mRNA Refseq

NM_012437.4

Protein Refseq

NP_036569.1

MIM

607007

UniProt ID

O95295

**Chromosome
Location**

1q21.3

Function

SNARE binding.

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