

Product information

SNAPAP, 1-136aa

Human, His-tagged, Recombinant, *E.coli*

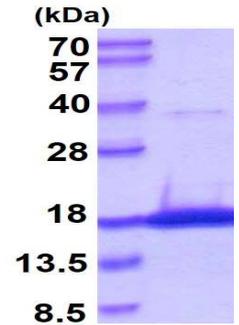
Cat. No. IBSNA0901

Full name: SNAP associated protein

NCBI Accession No.: NP_036569

Synonyms: SNAPIN, SNAP25BP

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. Recombinant human SNAPAP protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 5 mM DTT, 2 mM EDTA, 0.2 M NaCl, 40% glycerol</p> <p>Molecular Weight: 17 kDa (156aa) , confirmed by MALDI-TOF</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 0.5 mg/ml (determined by Bradford assay)</p>	 <p>(kDa)</p> <p>70</p> <p>57</p> <p>40</p> <p>28</p> <p>18</p> <p>13.5</p> <p>8.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p><u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> MAGAGSAAVS GAGTPVAGPT GRDLFAEGLL EFLRPAVQQL DSHVHAVRES QVELREQIDN LATELCRINE DQKVALDLDV YVKKLLNARR RVVLVNNILQ NAQERLRRLN HSVAKETARR RAMLDSGIYP PGSPGK</p>	

General references:

Ilardi JM., *et al.* (1999). *Nat Neurosci.* **2**(2):119-124

Chheda MG., *et al.* (2001). *Nat Cell Biol.* **3**(4):331-8

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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