

Recombinant Human SNAP25 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. SNAP25-181H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SNAP25 MS Standard C13 and N15-labeled recombinant protein (NP_570824) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Synaptic vesicle membrane docking and fusion is mediated by SNAREs (soluble N-ethylmaleimide-sensitive factor attachment protein receptors) located on the vesicle membrane (v-SNAREs) and the target membrane (t-SNAREs). The assembled v-SNARE/t-SNARE complex consists of a bundle of four helices, one of which is supplied by v-SNARE and the other three by t-SNARE. For t-SNAREs on the plasma membrane, the protein syntaxin supplies one helix and the protein encoded by this gene contributes the other two. Therefore, this gene product is a presynaptic plasma membrane protein involved in the regulation of neurotransmitter release. Two alternative transcript variants encoding different protein isoforms have been described for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	23.1 kDa
AA Sequence	MAEDADMRNELEEMQRRADQLADESLESTRMLQLVEESKDAGIRTLVMLDEQGE QLERIEEGMDQINKDMKEAEKNLTDLGKFCGLCVCPCNKLKSSDAYKKAWGNNQD GVVASQPARVVDEREQMAISGGFIRRVTDARENEMDENLEQVSGIIGNLRHMALD

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MGNEIDTQNRQIDRIMEKADSNKTRIDEANQRATKMLGSGTRTRPLEQKLISEEDLA
ANDILDYKDDDDKV

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 [SNAP25 synaptosomal-associated protein, 25kDa \[Homo sapiens \(human\) \]](#)

Official Symbol [SNAP25](#)

Synonyms SNAP25; synaptosomal-associated protein, 25kDa; SNAP, synaptosomal associated protein, 25kD; synaptosomal-associated protein 25; bA416N4.2; dJ1068F16.2; resistance to inhibitors of cholinesterase 4 homolog; RIC 4; RIC4; SEC9; SNAP 25; SUP; super protein; SNAP; RIC-4; SNAP-25; FLJ23079;

Gene ID [6616](#)

mRNA Refseq [NM_130811](#)

Protein Refseq [NP_570824](#)

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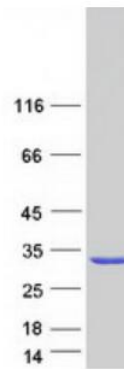
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MIM 600322

UniProt ID P60880

SDS-PAGE



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