

Synaptosomal-associated protein Recombinant Protein | SNAP25 recombinant protein

Recombinant Human Synaptosomal-associated protein 25kDa

CATALOG # AAA38520	HOST E Coli
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PRODUCT SYNONYMS

Synaptosomal-associated protein; Recombinant Human Synaptosomal-associated protein 25kDa; SNAP25 Human; Synaptosomal-associated protein 25 Human Recombinant; Super-Protein; SUP; RIC4; SEC9; SNAP; RIC-4; SNAP25; SNAP-25; Synaptosomal-associated protein 25; Synaptosomal-associated 25 kDa protein; FLJ23079; bA416N4.2; dJ1068F16.2; SNAP25 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The protein solution contains 20mM Tris-HCl pH7.5, 1mM EDTA, 50mM NaCl and 2mM DTT. Sterile Filtered colorless solution.
Sequence	MGSSHHHHHH SSGLVPRGSH MAEDADMRNE LEEMQRRADQ LADESLESTR RMLQLVEESK DAGIRTLVML DEQGEQLERI EEGMDQINKD MKEAEKNLTD LGKFCGLCVC PCNKLKSSDA YKKA WGNNQD GVVASQPARV VDREQMAIS GGFIRRVTDND ARENEMDENL EQVSGIIGNL RHMALDMGNE IDTQNRQIDR IMEKADSNKT RIDEANQRAT KMLGSG
Sequence Length	206

ADDITIONAL INFORMATION

Related Product Information for SNAP25 recombinant protein	Description: SNAP25 Human Recombinant fused to N-terminal His-Tag produced in E Coli is a single, non-glycosylated polypeptide chain containing 226 amino acids and having a molecular mass of 25.4 kDa. Introduction: 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, SNAP25 product is a presynaptic plasma membrane protein involved in the regulation of neurotransmitter release. The synaptosomal-associated protein (SNAP-25) is an essential component of the core complex that mediates presynaptic vesicle trafficking. Thus, SNAP-25 is directly involved in the release of neurotransmitters.
Product Categories/Family for SNAP25 recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins; Synaptosomal Associated Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	18765733
NCBI GeneID	6616
NCBI Accession #	NP_003072.2
NCBI GenBank Nucleotide #	NM_003081.3
UniProt Accession #	P60880; P13795; P36974; P70557; P70558; Q53EM2; Q5U0B5; Q8IXK3; Q96FM2; B2RAU4; D3DW16; D3DW17
Molecular Weight	23,336 Da

NCBI Official Full Name	synaptosomal-associated protein 25 isoform SNAP25A
NCBI Official Synonym Full Names	synaptosomal-associated protein, 25kDa
NCBI Official Symbol	SNAP25
NCBI Official Synonym Symbols	RIC4; SEC9; SNAP; RIC-4; SNAP-25; bA416N4.2; dJ1068F16.2
NCBI Protein Information	synaptosomal-associated protein 25; SUP; resistance to inhibitors of cholinesterase 4 homolog; super protein; synaptosomal-associated protein, 25kD
UniProt Protein Name	Synaptosomal-associated protein 25
UniProt Gene Name	SNAP25
UniProt Synonym Gene Names	SNAP; SNAP-25; SUP
UniProt Entry Name	SNP25_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/snap25-recombinant-protein-e-coli/38520>