



Product Datasheet

Product Name	Synaptosomal-Associated protein 25B Human Recombinant
Cata No	CB501492
Source	<i>Escherichia Coli</i> .
Synonyms	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.

Description

SNAP-25 is a necessary element of the core complex that is responsible for presynaptic vesicle trafficking. Thus, SNAP-25 is directly involved in the release of neurotransmitters and this protein exists as two alternative isoforms, SNAP25A and SNAP25B which differ by 9 amino acids in central portion of these proteins.

SNAP25B Human Recombinant fused to N-terminal His-Tag produced in E.Coli is a single, non-glycosylated polypeptide chain containing 206 amino acids and having a molecular mass of 23 kDa.

Physical Appearance

Sterile Filtered colorless solution.

Purity

Greater than 90.0% as determined by:

(a) Analysis by RP-HPLC.

(b) Analysis by SDS-PAGE.

Formulation

The protein solution contains 25mM Tris-HCl pH7.5, 2mM EDTA, 10% glycerol and 1mM DTT.

Stability

SNAP25 although stable 4°C for 4 weeks, should be stored desiccated below -18°C.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent freeze-thaw cycles.

Sequence

MAEDADMRNE LEEMQRRADQ LADESLESTR
RMLQLVEESK DAGIRTLVMLDEQGEQLERI
EEGMDQINKD MKEAEKNLTD LGKFCGLCVC
PCNKLKSSDA YKKAWGNNQD GVVASQPARV
VDEREQMAIS GGFIRRV TND ARENEMDENL
EQVSGIIGNL RHMALDMGNE IDTQNRQIDR
IMEKADSNKT RIDEANQRAT KMLGSG.