

SNAP25 (Synaptosomal-associated protein) Human, His- tag, Recombinant, E.coli

Cat.NO.: TP03977

3th Edition

Synonyms:SNAP25, SNAP, SNAP25, Synaptosomal-associated protein, His- tag, SNAP-25, Synaptosomal-associated 25 kDa protein, Super protein, SUP, Synaptosomal-associated protein 25, Synaptosomal-associated protein 25 isoform SNAP25B bA416N4.2,

Description: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. Recombinant human SNAP25, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl pH7.5, 50mM NaCl, 2mM DTT, 1mM EDTA

Molecular Weight:25.4 kDa (226 aa), confirmed by MALDI-TOF.

Sequences:

MGSSHHHHHSSGLVPRGSHMAEDADMRNELEEMQRRADQLADESLESTRMLQLVEESKDAGIRTLVMLDEQ
GEQLERIEEGMDQINKDMKEAEKNLTDLGKFCGLCVCPCNKLKSSDAYKKAWGNNQDGVVASQPARVVDEREQM
AISGGFIRRV TNDARENEMDENLEQVSGIIGNLRHMLDMGNEIDTQNRQIDRIMEKADSNKTRIDEANQRATKMLG
SG

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.