

SNAP25,1-206aa, Human, Recombinant, E.coli

Cat.NO.: TP03978

3th Edition

Synonyms:FLJ23079, SNAP25, RIC-4, RIC4, SEC9, SNAP, SNAP-25, Synaptosomal-associated protein 25 isoform SNAP25B, Synaptosomal-associated protein 25 isoform SNAP25B SUP, Super protein, bA416N4.2, Bdr, dJ1068F16.2, HGNC:11132, MGC105414, MGC139754,

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 and this protein exists as two alternative isoforms, SNAP25A and SNAP25B which differ by 9 amino acids in central portion of these proteins. Recombinant SNAP25B protein was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid in 25mM Tris pH 7.5, 1mM DTT, 2mM EDTA, 10% glycerol

Molecular Weight:23 kDa (206 aa), confirmed by MALDI-TOF.

Sequences:

MGSSHHHHHSSGLVPRGSHMAMSLPGSRRTSAGSRRRTSPPVSVRDAYGTSSLSSSSNSGSYKGS DSSPTPR
RSMKYTLCS DNHG IKPPTPEQYL TPLQQKEVCIRHLKARLKDTQDRLQDRDTEIDDLKTQLSRMQEDWIEEECHR
EAQLALKEARKEIKQLKQVIDTVKNNLIDKDKGLQKYFVDINIQNKKLETL LHSMEVAQNGMAKEDGTGESAGGSPA
RSLTRSSTYTKLSDPAVCGDRQPGDPSSGSAEDGADSGFAAADT LSR TDALEASSLLSSGVDCGTEETSLHSSF
GLGPRFPASNTYEKLLCGMEAGVQASCMQERAIQTDFVQYQPDLD TIL EKVTQAQVCGTDPESGDRCP ELDAHPS
GPRDPNSAVVVTVGDELEAPEPITRGPTPQRPGANPNPGQSVSVVCPMEEEEEAAVAEKEPKSYWSRH

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.