Recombinant human SNAP25 protein

Catalog Number: SNP0801

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-206aa

UniProt No.
P60880

NCBI Accession No.
NP_570824.1

Alternative Names
Synaptosomal-associated protein 25 isoform SNAP25B, 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, Resistance to inhibitors of cholinesterase 4 homolog, RIC 4, SEC9, SNAP 25, SNAP-25B, SNP 25, SNP25, sp, Synaptosomal associated 25 kDa protein, Synaptosomal associated protein, Synaptosomal associated protein 25, Synaptosomal associated protein 25kDa.

PRODUCT SPECIFICATION

Molecular Weight
23.3 kDa (206aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 25mM Tris-HCl buffer (pH 7.5) containing 1mM DTT, 10% glycerol

Purity
> 90% by SDS-PAGE

Tag
Non-Tagged

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
The synaptosomal-associated protein (SNAP-25) is an essential component of the core complex that mediates

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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.

Amino acid Sequence

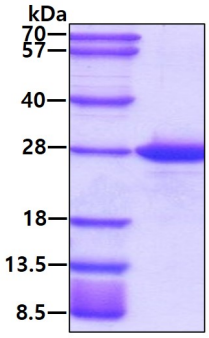
MAEDADMRNE LEEMQRRADQ LADESLESTR RMLQLVEESK DAGIRTLVML DEQGEQLERI EEGMDQINKD MKEAEKNLTD LGKFCGLCVC PCNKLKSSDA YKKAWGNNQD GVVASQPARV VDEREQMAIS GGFIRRVTND ARENEMDENL EQVSGIIGNL RHMALDMGNE IDTQNRQIDR IMEKADSNKT RIDEANQRAT KMLGSG

General References

Tafoya LC., et al. (2006) J. Neurosci. 26(30):7826-38.
Schulz JR., et al. (1998) J. Biol Chem. 273(38):24355-9.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.