

AR03038PU-L

Human SNAP25B (1-206, His-tag) - Purified

Alternate names:

SNAP, SNAP-25, SUP, Super protein, Synaptosomal-associated 25 kDa protein, Synaptosomal-associated protein 25

Quantity:

0.5 mg

Concentration:

1.0 mg/ml

Background:

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.

Uniprot ID:

[P60880](#)

NCBI:

[NP_003072.2](#)

GeneID:

[6616](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS-PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 2 mM DTT, 1 mM EDTA, 50 mM NaCl

Description:

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

AA Sequence:

MGSSHHHHH SSGLVPRGSH MAEDADMRNE LEEMQRRADQ LADESLESTR RMLQLVEESK
DAGIRTLVML DEQGEQLERI EEGMDQINKD MKEAEKNLTD LGKFCGLCVC PCNKLKSSDA
YKKAWGNNQD GVVASQPARV VDREQMAIS GGFIRRVTD ARENEMDENL EQVSGIIGNL
RHMALDMGNE IDTQNRQIDR IMEKADSNKT RIDEANQRAT KMLGSG

Molecular weight: 25.4 kDa (226 aa)

Storage:

Store (in aliquots) at -20 °C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

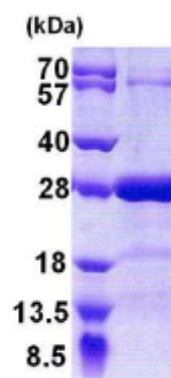
General Readings:

1. Tafoya LC et al., (2006) J. Neurosci . 26(30) : 7826-38

2. Schulz JR et al., (1998) J. Biol Chem. 273(38): 24355-9

Pictures:

Recombinant human Synaptosomal-associated protein 25 isoform SNAP25B, His-tagged



15% SDS-PAGE (3ug)