# NKMAXBIO We support you, we believe in your research

# **Recombinant C.elegans SNAP25 protein**

Catalog Number: SNP3001

# **PRODUCT INFORMATION**

## **Expression system**

E.coli

#### **Domain**

1-207aa

#### **UniProt No.**

062414

#### **NCBI Accession No.**

NP 505641.2

## **Alternative Names**

Resistance to Inhibitors of Cholinesterase family member, SNAP25, SNAP-25, Synaptosomal-associated protein 25kDa, FLJ23079, RIC-4, RIC4, SEC9, SNAP 25, bA416N4.2, dJ1068F16.2, SuP, resistance to inhibitors of cholinesterase 4 homolog, super protein, synaptosomal-associated 25 kDa protein, synaptosomal-associated protein 25, RIC 4

# **PRODUCT SPECIFICATION**

# **Molecular Weight**

23 kDa (207aa) confirmed by MALDI-TOF

# Concentration

1mg/ml (determined by Bradford assay)

## **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 50mM NaCl, 5m MDTT, 1mM EDTA, 10%glycerol

# **Purity**

> 95% 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**

SNAP-25 is a presynaptic plasma membrane protein essential for synaptic vesicle fusion and neurotransmitter release. The membrane proteins SNAP-25, synaptobrevin and syntaxin make up the core complex (SNARE) essential for docking and holding synaptic vesicles at the pre synaptic membrane. SNAP-25 gene was amplified



# NKMAXBio We support you, we believe in your research

# **Recombinant C.elegans SNAP25 protein**

Catalog Number: SNP3001

by PCR from C. elegans and cloned into an E. coli expression vector. SNAP-25 was purified by using conventional chromatography techniques.

# **Amino acid Sequence**

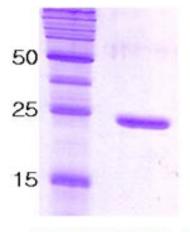
MSGDDDIPEG LEAINLKMNA TTDDSLESTR RMLALCEESK EAGIKTLVML DDQGEQLERC EGALDTINQD MKEAEDHLKG MEKCCGLCVL PWNKTDDFEK TEFAKAWKKD DDGGVISDQP RITVGDSSMG PQGGYITKIT NDAREDEMDE NVQQVSTMVG NLRNMAIDMS TEVSNQNRQL DRIHDKAQSN EVRVESANKR AKNLITK

# **General References**

Saifee O., et al. (1998) Mol.Biol.Cell 9(6):1235-52. Yang Y., et al. (2000) . 275(38):29482-7.

# **DATA**

# **SDS-PAGE**



15% SDS-PAGE (3ug)

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

