

# Recombinant human Syntaxin 3 protein

Catalog Number: ATGP1502

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-263aa

### UniProt No.

Q13277

### NCBI Accession No.

NP\_004168

### Alternative Names

Syntaxin-3, STX3A, STX3

## PRODUCT SPECIFICATION

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### Molecular Weight

33.2 kDa (288aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 10% glycerol, 100mM NaCl

### Purity

> 95% by SDS-PAGE

### Tag

His-Tag

### 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

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### Description

STX3, also known as syntaxin 3, belongs to the syntaxin family. syntaxin family is cellular receptors for transport vesicles which participate in exocytosis in neutrophils. STX3 has an important role in the growth of neurites and serves as a direct target for omega-6 arachidonic acid. Recombinant human STX3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

### Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGSHM>MKDRL EQLKAKQLTQ DDDTDAVEIA IDNTAFMDEF FSEIEETRLN

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IDKISEHVEE AKKLYSIILS APIPEPKTKD DLEQLTTEIK KRANNVRNKL KSMEKHIEED EVRSSADLRI RKSQHSVLSR  
KFVEVMTKYN EAQVDFRERS KGRIQRQLEI TGKKTDEEL EEMLESGNPA IFTSGIIDSQ ISKQALSEIE GRHKDIVRLE  
SSIKELHDMF MDIAMLVENQ GEMLDNIELN VMHTVDHVEK ARDETKKAVK YQSQARKK

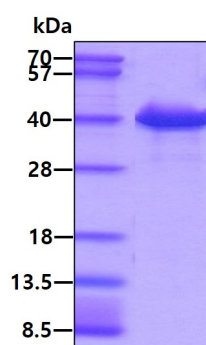
## General References

Martin-Martin B, et al. (1999) J. Leukoc. Biol. 65 (3): 397-406.

Darios F, et al. (1996) Nature 440 (7085): 813-7

## DATA

### SDS-PAGE



3 $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.