

Recombinant human Syntaxin 3 protein

Catalog Number: ATGP1502

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-263aa

UniProt No.

Q13277

NCBI Accession No.

NP_004168

Alternative Names

Syntaxin-3, STX3A, STX3

PRODUCT SPECIFICATION

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

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 SSGLVPRGSH MGSHM>MKDRL EQLKAKQLTQ DDDTDAVEIA IDNTAFMDEF FSEIEETRLN

Recombinant human Syntaxin 3 protein

Catalog Number: ATGP1502

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

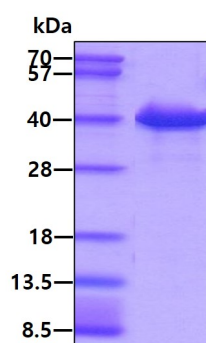
General References

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



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