

STX3, 1-263aa, Human, His tag, E.coli

Cat.NO.: TP04079

3th Edition

Synonyms: syntaxin-3, STX3A

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.

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

Molecular Weight: 33.2kDa (288aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMMKDRLEQLKAKQLTQDDDTDAVEIAIDNTAFMDEFFSEIEETRLNIDKISE
HVVEAKKLYSIILSAPIPEPKTKDDLEQLTTEIKKRANNVRNKLKSMKHEEDEVRSADLRIRKSQHSVLSRKFVEV
MTKYNEAQVDFRERSKGRIQRQLEITGKKTDEELEEMLESGNPAIFTSGIIDSQISKQALSEIEGRHKDIVRLESSIK
ELHDMFMDIAMLVENQGEMLDNIELNVMHTVDHVEKARDETKKAVKYQSQARKK

Purity: > 95% by HPLC

Concentration: 1mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.