Recombinant Human STX3, His-tagged

Cat. No. STX3-15842H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human STX3 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-263aa
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 10% glycerol, 100mM NaCl
Molecular Mass	33.2kDa (288aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMMKDRL EQLKAKQLTQ DDDTDAVEIA IDNTAFMDEF FSEIEETRLN IDKISEHVEE AKKLYSIILS APIPEPKTKD DLEQLTTEIK KRANNVRNKL KSMEKHIEED EVRSSADLRI RKSQHSVLSR KFVEVMTKYN EAQVDFRERS KGRIQRQLEITGKKTTDEEL EEMLESGNPA IFTSGIIDSQ ISKQALSEIE GRHKDIVRLE SSIKELHDMF MDIAMLVENQ GEMLDNIELN VMHTVDHVEK ARDETKKAVK YQSQARKK

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>95% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	STX3 syntaxin 3 [Homo sapiens]
Official Symbol	STX3
Synonyms	STX3; syntaxin 3; STX3A, syntaxin 3A; syntaxin-3; syntaxin 3A; STX3A; FLJ30906;
Gene ID	6809
mRNA Refseq	NM_004177
Protein Refseq	NP_004168
MIM	600876
UniProt ID	Q13277
Chromosome Location	11q12.1
Pathway	Botulinum neurotoxicity, organism-specific biosystem; Disease, organism-specific biosystem; Neuronal System, organism-specific biosystem; Proteolytic cleavage of

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	SNARE complex proteins, organism-specific biosystem; SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem; Synaptic vesicle cycle, organism-specific biosystem;
Function	SNAP receptor activity; arachidonic acid binding; protein binding;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA