9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

STX3 Human

Syntaxin-3 Human Recombinant
RCP2286

Product Overview

Name	STX3 Human
Description	
Syntaxin-3 Human Recombinant	
Accession (Primary)	Q13277
Synonyms	
Syntaxin-3, STX3, STX3A.	
Introduction	
Syntaxin 3 (STX3) is a member of the syntaxin family. The syntaxin family members are cellular receptors for transport vesicles which participate in exocytosis in neutrophils. STX3 has a significant role in the growth of neurites and functions as a direct target for omega-6 arachidonic acid. STX3 is steered to the apical membrane of epithelial cells where it forms clusters and is vital in establishing and maintaining polarity required for protein trafficking involving vesicle fusion and exocytosis.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
STX3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 100mM NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSHM MKDRL EQLKAKQLTQ DDDTDAVEIA IDNTAFMDEF FSEIEETRLN IDKISEHVEE AKKLYSIILS APIPEPKTKD DLEQLTTEIK KRANNVRNKL KSMEKHIEED EVRSSADLRI RKSQHSVLSR KFVEVMTKYN EAQVDFRERS KGRIQRQLEI TGKKTTDEEL EEMLESGNPA IFTSGIIDSQ ISKQALSEIE GRHKDIVRLE SSIKELHDMF MDIAMLVENQ GEMLDNIELN VMHTVDHVEK ARDETKKAVK	

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Precautions

STX3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q13277)