
Product Data Sheet

Product Name: STX6 Human
 Cat. No.: GP24743
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Syntaxin 6.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSMEDPF FVVKGEVQKA VNTAQGLFQR WTELLQDPST ATREEIDWTT NELRNLSI EWDLEDLDET ISIVEANPRK FNLDATELSI RKAFITSTRQ VVRDMKDQMS TSSVQALAER KNRQALLGDS GSQNWSTGTT DKYGRDLREL QRANSHFIEE QQAQQQLIVE QQDEQLELVS GSIGVLKNMS QRIGGELEEQ AVMLEDFSHE LESTQSRLDN VMKKLAKVSH MTSDRRQ		
Formulation	The STX6 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 2mM DTT and 50% glycerol.		

Introduction

STX6 is a member of the syntaxin family and has 1 t-SNARE coiled-coil homology domain. STX6 takes part in intracellular vesicle transferring. STX6 binds EEA1 and interacts with VPS45A, MARCH2, MARCH3 and GOPC. It is found in a complex comprising STX6, STX12, VAMP4 and VTI1A.

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.

Background

STX6 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 257 amino acids (1-234) and having a molecular mass of 29.2kDa. STX6 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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