
Product Data Sheet

Product Name: STX17 Human
 Cat. No.: GP24744
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Syntaxin 17		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSEDEEK VKLRRLEPAI QKFIKIVIPT DLRLRKHQI NIEKYQRCRI WDKLHEEHIN AGRTVQQLRS NIREIEKLCL KVRKDDLVLK KRMIDPVKEE ASAATAEFLQ LHLESVEELK KQFNDEETLL QPPLTRSMTV GGAFHTTEAE ASSQSLTQIY ALPEIQDQN AAESWETLEA DLIELSQLVT DFSLLVNSQQ EKIDSIADHV NSAAVNVEEG TKNLGKAAKY KL		
Formulation	The STX17 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 1mM DTT and 30% glycerol.		

Introduction

STX17 is a member of the syntaxin family and contains 1 t-SNARE coiled-coil homology domain. STX17 is involved in vesicle trafficking to lysosomes and takes part in procedures associated with cell division.

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

STX17 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 252 amino acids (1-229) and having a molecular mass of 28.6kDa. STX17 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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