
Product Data Sheet

Product Name: STX11 Human
 Cat. No.: GP24736
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Syntaxin-11; STX11; FHL4; HLH4; HPLH4.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHMKDRLA ELLDLSKQYD QQFPDGDDEF DSPHEDIVFE TDHILESLYR DIRDIQDENQ LLVADV KRLG KQNARFLTSM RRLSSIKRDT NSIAKAIKAR GEVIHCKLRA MKELSEAAEA QHGPHSAVAR ISRAQYNALT LTFQRAMHDY NQAEMKQRDN CKIRIQRQLE IMGKEVSGDQ IEDMFEQGKW DVFSENLLAD VKGARAALNE IESRHRELLR LESRIRDVHE LFLQMAVLVE KQADTLNVIE LNVQKTVDYT GQAKAQRKA VQYEEKNPCR TLCCFCCPCL K.		
Formulation	STX11 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.		

Introduction

Syntaxin-11 (STX11) belongs to the t-SNARE family. Syntaxin-11 regulates protein transport between late endosomes and the trans-Golgi network. STX11 interacts with the SNARE proteins SNAP-23 and VAMP. STX11 gene mutations are linked with familial hemophagocytic lymphohistiocytosis.

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

STX11 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 311 amino acids (1-287 a.a) and having a molecular mass of 35.8kDa. STX11 is fused to a 24 amino acid His-tag at N-terminus & purified by

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

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proprietary chromatographic techniques.

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