Recombinant Human Syntaxin 11, His-tagged

Cat. No. STX11-6782H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanSTX11 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
Description	STX11, also known assyntaxin-11, is a member of the t-SNARE family. It acts to regulate proteintransport between late endosomes and the trans-Golgi network.
Form	Liquid. 20mMTris-HCl buffer (pH8.0) containing 10% glycerol, 0.4M Urea
Molecular Weight	35.8 kDa (311aa)
Purity	> 95% by SDS -PAGE
Concentration	1 mg/ml (determinedby Bradford assay)
Sequences of aminoacids	MGSSHHHHHHSSGLVPRGSH MGSHMKDRLA ELLDLSKQYD QQFPDGDDEF DSPHEDIVFE TDHILESLYR DIRDIQDENQLLVADVKRLG KQNARFLTSM RRLSSIKRDT NSIAKAIKAR GEVIHCKLRA MKELSEAAEA QHGPHSAVARISRAQYNALT LTFQRAMHDY NQAEMKQRDN CKIRIQRQLE IMGKEVSGDQ IEDMFEQGKW DVFSENLLADVKGARAALNE IESRHRELLR LESRIRDVHE LFLQMAVLVE KQADTLNVIE LNVQKTVDYT GQAKAQVRKAVQYEEKNPCR TLCCFCCPCL K

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Storage	Can be stored at+4°C short term (1-2 weeks). For long term storage, aliquot and store at-20°C or -70°C. Avoid repeated freezing and thawing cycles.
Officialsymbol	STX11

GENE INFORMATION

Gene Name	STX11 syntaxin 11 [Homosapiens]
Synonyms	syntaxin11; FHL4; HLH4; HPLH4; syntaxin-11; OTTHUMP00000017349
Gene ID	8676
mRNA Refseq	NM_003764
Protein Refseq	NP_003755
MIM	605014
UniProt ID	O75558
Chromosome Location	6q24.2
Pathway	Botulinumneurotoxicity, organism-specific biosystem; Proteolytic cleavage of SNAREcomplex proteins, organism-specific biosystem; SNARE interactions invesicular transport, organism-specific biosystem; SNARE interactions invesicular transport, conserved biosystem
Function	SNAPreceptor activity; protein binding

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