

# Recombinant human Syntaxin 11 protein

Catalog Number: ATGP1553

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-287aa

### UniProt No.

O75558

### NCBI Accession No.

NP\_003755

### Alternative Names

Syntaxin-11, FHL4, HLH4, HPLH4, STX11

## PRODUCT SPECIFICATION

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### Molecular Weight

35.8 kDa (311aa)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

### Purity

> 95% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

STX11, also known as syntaxin-11, is a member of the t-SNARE family. It acts to regulate protein transport between late endosomes and the trans-Golgi network. Recombinant human STX11 protein, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSHMKDRLA ELLDLSKQYD QQFPDGDDEF DSPHEDIVFE TDHILESLYR DIRDIQDENQ  
LLVADVKRLG KQNARFLTSM RRLSSIKRDT NSIAKAIKAR GEVIHCKLRA MKELSEAAEA QHGPHTSAVAR ISRAQYNALT

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LTFQRAMHDY NQAEMKQRDN CKIRIQRQLE IMGKEVSGDQ IEDMFEQGKW DVFSENLLAD VKGARAALNE IESRHRELLR  
LESRIIRDVHE LFLQMAVLVE KQADTLNVIE LNVQKTVDYT GQAKAQVRKA VQYEEKNPCR TLCCFCCPCL K

## General References

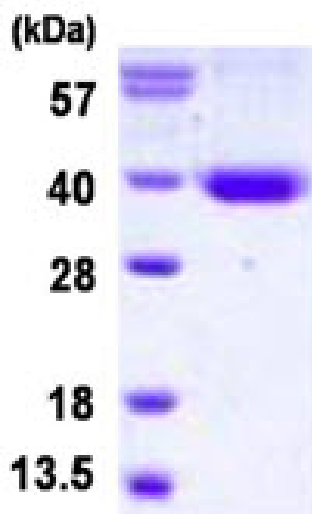
Tang B.L., et al. (1998) Biochem. Biophys. Res. Commun. 245:627-632

zur Stadt u., et al. (2005) Hum. Mol. Genet. 14:827-834

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)