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# Recombinant human Syntaxin 11 protein

Catalog Number: ATGP1553

#### **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

1-287aa

#### UniProt No.

075558

#### **NCBI Accession No.**

NP 003755

#### **Alternative Names**

Syntaxin-11, FHL4, HLH4, HPLH4, STX11

# **PRODUCT SPECIFICATION**

### **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**

#### **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 SSGLVPRGSH MGSHMKDRLA ELLDLSKQYD QQFPDGDDEF DSPHEDIVFE TDHILESLYR DIRDIQDENQ LLVADVKRLG KONARFLTSM RRLSSIKRDT NSIAKAIKAR GEVIHCKLRA MKELSEAAEA OHGPHSAVAR ISRAQYNALT



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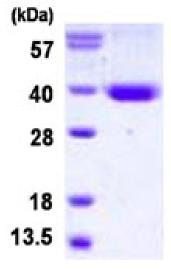
LTFQRAMHDY NQAEMKQRDN CKIRIQRQLE IMGKEVSGDQ IEDMFEQGKW DVFSENLLAD VKGARAALNE IESRHRELLR LESRIRDVHE LFLQMAVLVE KQADTLNVIE LNVQKTVDYT GQAKAQVRKA VQYEEKNPCR TLCCFCCPCL K

## **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**

## **SDS-PAGE**



15% SDS-PAGE (3ug)

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

