

# Recombinant human Syntaxin 17 protein

Catalog Number: ATGP2344

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-229aa

### UniProt No.

P56962

### NCBI Accession No.

NP\_060389

### Alternative Names

Syntaxin 17, STX17

## PRODUCT SPECIFICATION

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### Molecular Weight

28.6 kDa (252aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### 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

STX17 belongs to the syntaxin family and contains 1 t-SNARE coiled-coil homology domain. This protein is implicated in vesicle trafficking to lysosomes and could be involved in processes related to cell division. Recombinant human STX17 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

### Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MSEDEEK VKLRRLEPAI QKFIKIVIPT DLERLRKHQI NIEKYQRCRI WDKLHEEHIN

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AGRTVQQLRS NIREIEKLCL KVRKDDLVLK KRMIDPVKEE ASAATAEFLQ LHLESVEELK KQFNDEETLL QPPLTRSMTV  
GGAFHTTEAE ASSQSLTQIY ALPEIPQDQN AAESWETLEA DLIELSQLVT DFSLLVNSQQ EKIDSIADHV NSAAVNVEEG  
TKNLGKAAKY KL

## General References

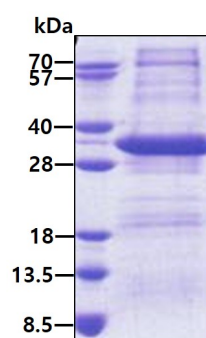
Itakura, E., et al. (2012) Cell 151 (6), 1256-1269

Muppirala, M., et al. (2011) Biol. Cell 103 (7), 333-350

## DATA

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### SDS-PAGE



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