

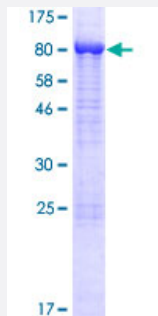
## Full-Length

## STXBP1 (Human) Recombinant Protein (P01)

Catalog # H00006812-P01

Size 25 ug, 10 ug

## Applications



## Specification

## Product Description

Human STXBP1 full-length ORF ( NP\_003156.1, 1 a.a. - 603 a.a.) recombinant protein with GST-tag at N-terminal.

## Sequence

MAPIGLKAVVGEKIMHDVIKKVKKKGEWKVLVVDQLSMRMLSSCCKMTDIMTEGITVEDINKRRE  
PLPSLEAVYLITPSEKSVHSLISDFKDPPTAKYRAAHVFFTDSCPDALFNELVKSRAAKVIKLTLEINI  
AFLPYESQVYSLDSADSFQSFYSPHKAQMKNPILERLAEQIATLCATLKEYPAVRYRGEYKDNALL  
AQLIQDKLDAYKADDPTMGEGPDKARSQLLILDRGFDPPSPVLHELTFQAMSYDLLPIENDVYKYE  
TSGIGEARVKEVLLDEDDDLWIALRHKHIAEVSQEVTRSLKDFSSSKRMNTGEKTTMRDLSQMLK  
KMPQYQKELSKYSTHLHLAEDCMKHYYQGTVDKLCRVEQDLAMGTDAAEGEKIKDPMRAVPILLDA  
NVSTYDKIRIILLYIFLKNNGITEENLNKLIQHAQIPPEDSEITNMAHLGVPVTDSTLRRRSKPERKERIS  
EQTYQLSRWTPPIKDIMEDTIEDKLDTKHYPISTRSSASFSTTAVSARYGHWKKNKAPGEYRSGPR  
LIIFILGGVSLNEMRCAYEVTQANGKWEVLIGSTHILTPTKFLMDLRHPDFRESSRVSFEDQAPTME

## Host

Wheat Germ (in vitro)

## Theoretical MW (kDa)

95.1

## Preparation Method

[in vitro wheat germ expression system](#)

## Purification

Glutathione Sepharose 4 Fast Flow

## Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

## Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Note**

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — STXBP1

**Entrez GeneID**[6812](#)**GeneBank Accession#**[NM\\_003165.1](#)**Protein Accession#**[NP\\_003156.1](#)**Gene Name**

STXBP1

**Gene Alias**

EIEE4, MUNC18-1, UNC18, hUNC18, rbSec1

**Gene Description**

syntaxin binding protein 1

**Omim ID**[602926](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

OTTHUMP00000022196|OTTHUMP00000022197|syntaxin-binding protein 1

## Disease

- [Epilepsy](#)
- [Mental Retardation](#)