

# Recombinant human TAX1BP3 protein

Catalog Number: ATGP1294

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-124aa

### UniProt No.

O14907

### NCBI Accession No.

NP\_055419

### Alternative Names

Tax1-binding protein 3, TIP-1, TIP1

## PRODUCT SPECIFICATION

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### Molecular Weight

15.8 kDa (144aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

### Purity

> 95% 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

TAX1BP3, also known as Tax1-binding protein 3, contains one PDZ domain, through which most of its interactions with other proteins are made. The PDZ domain of TAX1BP3 interacts with the C-terminus of Rhotekin to facilitate Rho-mediated activation of the FOS serum response element. The PDZ domain also interacts with beta-catenin to inhibit the transcriptional activity of beta-catenin. It has been detected in a variety of cell lines, including HeLa, and is weakly expressed in peripheral blood leukocytes. Recombinant human TAX1BP3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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### Amino acid Sequence

MGSSHHHHHH SSSLVPRGSH MSYIPGQPVT AVVQRVEIHK LRQGENLILG FSIGGGIDQD PSQNPFSEDK TDKGIYVTRV  
SEGGPAEIAG LQIGDKIMQV NGWDMTMVTH DQARKRLTKR SEEVVRLLVLT RQSLQKAVQQ SMLS

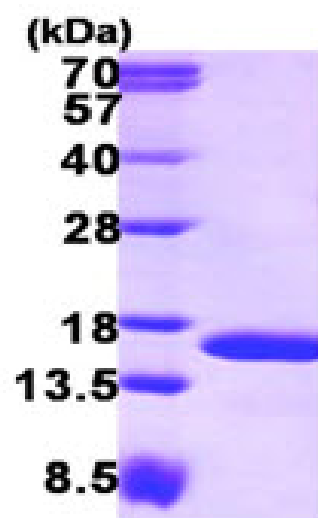
### General References

Rousset R. et al. (1998) Oncogene.16: 643-654  
Reynaud C. et al. (2000) J. Biol. Chem. 275: 33962-33968.

## DATA

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### SDS-PAGE



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

15% SDS-PAGE (3ug)