

Datasheet for ABIN5853438

## TRIP10 Protein (AA 260-545) (His tag)



[Go to Product page](#)

### 1 Image

#### Overview

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Quantity:                     | 100 µg                                        |
| Target:                       | TRIP10                                        |
| Protein Characteristics:      | AA 260-545                                    |
| Origin:                       | Human                                         |
| Source:                       | Escherichia coli (E. coli)                    |
| Protein Type:                 | Recombinant                                   |
| Purification tag / Conjugate: | This TRIP10 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS)                                |

#### Product Details

|           |                                                                                                                                                                                                                                                                                                                                                                  |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence: | MGSSHHHHHH SSGLVPRGSH MGSDPKND SH VLIELHKSGF ARPGDVEFED FSQPMNRAPS<br>DSSLGTPSDG RPELRGPGRS RTKRWPFGKK NKTVVTEDFS HLPPEQQRKR LQQQLEERSR<br>ELQKEVDQRE ALKKMKDVYE KTPQMGPAS LEPQIAETLS NIERLKLEVQ KYEAWLAEAE<br>SRVLSNRGDS LSRHARPPDP PASAPPDSSS NSASQDTKES SEEPPEESQ DTPIYTEFDE<br>DFEEETSPI GHCVAIYHFE GSSEGTISMA EGEDLSLMEE DKGDGWTRVR RKEGGEGYVP<br>TSYLRVTLN |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|         |                      |
|---------|----------------------|
| Purity: | > 90 % by SDS - PAGE |
|---------|----------------------|

#### Target Details

|                   |                                            |
|-------------------|--------------------------------------------|
| Target:           | TRIP10                                     |
| Alternative Name: | TRIP10 ( <a href="#">TRIP10 Products</a> ) |

## Target Details

**Background:** Cdc42-interacting protein 4, also known as TRIP10, belongs to the F-BAR family of proteins. These proteins contain an N-terminal, alpha-helical, region that is hydrophobic and considered to be related to the Bin Amphiphysin Rvs (BAR) protein family. Expressed in a variety of tissues, including kidney, brain, liver, lung, heart and pancreas, TRIP10 is required for the Insulin-dependent translocation of Glut4 to the plasma membrane and is essential for the coordination of membrane tubulation with Actin cytoskeletal reorganization during endocytosis. Recombinant human TRIP10 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Molecular Weight:** 34.6kDa (309aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

**NCBI Accession:** [NP\\_004231](#)

**UniProt:** [Q15642](#)

## Application Details

**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

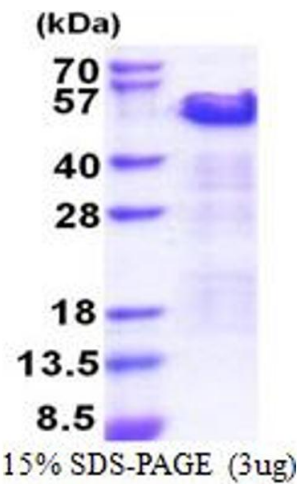
**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 0.1M NaCl, 10 % glycerol, 1 mM DTT

**Storage:** 4 °C,-20 °C,-80 °C

**Storage Comment:** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



| SDS-PAGE |
|----------|
| Image 1. |