

FOR IN VITRO RESEARCH USE ONLY.  
NOT FOR USE IN HUMANS OR ANIMALS.

# Recombinant human TCTN2 protein



## Basic Information

### Catalog Number:

Ag10725

### Size:

50 µg

### Form:

Available lyophilized

### Species:

human

### Expression Source:

*e coli*-derived, PET28a, with N-terminal 6\*His.

### Biological Activity:

Not tested

### Endotoxin Level:

Please contact the lab for more information

### Peptide Sequence:

VIYEEATDLKFI T N T E T P L N N G S T P R I V N V E E H Y I F K W  
N N T I S E I N V K I F R A E I N A H Q K G I M T Q R F V V K F L S Y N S  
G N E E L S G N P G Y Q L G K P V R A L N I R M N N V T T L H L W Q  
S A G R G L C T S A T F K P I L F G E N V L S G C L L E V G I N E N C T Q L  
R E N A V E R L D S L I Q A T H V A M R G N S D Y A D L S D G W L E I I R  
V D A P D P G A D P L A S S V N G M C L D I P A H L S I R I L S D A G A V  
E G I T Q Q E I L G V E T R F S S V N W Q Y Q C G L T C E H K A D L L P I  
S A S V Q F I K I P A Q L P H L T R F Q I N Y T E Y D C N R N E V C W P  
Q L L Y P W T Q Y Y Q G E L H S Q C V A K G L L L L F L T A L F L S N P  
W T R I C K A Y S

(351-697 aa encoded by BC009112)

## Reconstitution and Storage

### Reconstitution:

Reconstitute at 0.25 µg/ µl in 200 µl sterile water for short-term storage.

After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

### Shipping:

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the recommended temperature (see below).

## Purity

85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

## Formulation

The purified protein was Lyophilized from sterile PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.

## Stability and Storage

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

## Storage of Reconstituted Protein

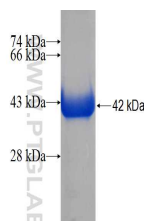
### Short Term Storage:

Store at 2-8°C for (1-2 weeks).

### Long Term Storage:

Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

## Selected Validation Data



For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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