

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

# TXNDC5 Fusion Protein

## Basic Information

### Catalog Number:

Ag13965

### 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

### Validated Application:

Blocking peptide

### Peptide Sequence:

MEDAKVYVAKVDC<sup>TA</sup>HS<sup>SDV</sup>CSA<sup>Q</sup>G<sup>V</sup>R<sup>G</sup>Y<sup>PT</sup>L<sup>K</sup>L<sup>F</sup>K<sup>P</sup>  
G<sup>Q</sup>E<sup>A</sup>V<sup>K</sup>Y<sup>Q</sup>G<sup>P</sup>R<sup>D</sup>F<sup>Q</sup>T<sup>L</sup>E<sup>N</sup>W<sup>M</sup>L<sup>Q</sup>T<sup>L</sup>N<sup>E</sup>E<sup>P</sup>V<sup>T</sup>P<sup>E</sup>P<sup>E</sup>V<sup>E</sup>  
P<sup>P</sup>S<sup>A</sup>P<sup>E</sup>L<sup>K</sup>Q<sup>G</sup>L<sup>Y</sup>E<sup>L</sup>S<sup>A</sup>N<sup>F</sup>E<sup>L</sup>H<sup>V</sup>A<sup>Q</sup>G<sup>D</sup>H<sup>F</sup>I<sup>K</sup>F<sup>F</sup>A<sup>P</sup>W<sup>C</sup>  
G<sup>H</sup>C<sup>K</sup>A<sup>L</sup>A<sup>P</sup>T<sup>W</sup>E<sup>Q</sup>L<sup>A</sup>L<sup>G</sup>L<sup>E</sup>H<sup>S</sup>E<sup>T</sup>V<sup>K</sup>I<sup>G</sup>K<sup>V</sup>D<sup>C</sup>T<sup>Q</sup>H<sup>Y</sup>E<sup>L</sup>C  
S<sup>G</sup>N<sup>Q</sup>V<sup>R</sup>G<sup>Y</sup>P<sup>T</sup>L<sup>L</sup>W<sup>F</sup>R<sup>D</sup>G<sup>K</sup>K<sup>V</sup>D<sup>Q</sup>Y<sup>K</sup>G<sup>K</sup>R<sup>D</sup>L<sup>E</sup>S<sup>L</sup>R<sup>E</sup>Y<sup>V</sup>E  
S<sup>Q</sup>L<sup>Q</sup>R<sup>T</sup>E<sup>T</sup>G<sup>A</sup>T<sup>E</sup>T<sup>V</sup>P<sup>S</sup>E<sup>A</sup>P<sup>V</sup>L<sup>A</sup>A<sup>E</sup>P<sup>E</sup>A<sup>D</sup>K<sup>G</sup>T<sup>V</sup>L<sup>A</sup>L<sup>T</sup>  
E<sup>N</sup>N<sup>F</sup>D<sup>D</sup>T<sup>I</sup>A<sup>E</sup>G<sup>I</sup>T<sup>F</sup>I<sup>K</sup>F<sup>Y</sup>A<sup>P</sup>W<sup>C</sup>G<sup>H</sup>C<sup>K</sup>T<sup>L</sup>A<sup>P</sup>T<sup>W</sup>E<sup>E</sup>L<sup>S</sup>K<sup>K</sup>  
E<sup>F</sup>P<sup>G</sup>L<sup>A</sup>G<sup>V</sup>K<sup>I</sup>A<sup>E</sup>V<sup>D</sup>C<sup>T</sup>A<sup>E</sup>R<sup>N</sup>I<sup>C</sup>S<sup>K</sup>Y<sup>S</sup>V<sup>R</sup>G<sup>Y</sup>P<sup>T</sup>L<sup>L</sup>L<sup>F</sup>R<sup>G</sup>  
G<sup>K</sup>K<sup>V</sup>S<sup>E</sup>H<sup>S</sup>G<sup>R</sup>D<sup>L</sup>S<sup>L</sup>H<sup>R</sup>F<sup>V</sup>L<sup>S</sup>Q<sup>A</sup>K<sup>D</sup>E<sup>L</sup>  
(1-324 aa encoded by BC001199)

## 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).

## Stability and Storage

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

## Storage of Reconstituted Protein

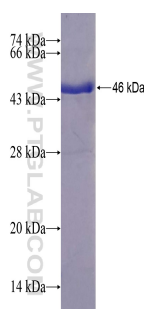
### Short Term Storage:

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, reconstitution with sterile water and addition of an equal volume of glycerol. 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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