

Datasheet for ABIN7560825

## TSTD3 Protein (AA 1-157) (His tag)



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### 3 Images

#### Overview

Quantity:	1 mg
Target:	TSTD3
Protein Characteristics:	AA 1-157
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSTD3 protein is labelled with His tag.

#### Product Details

Purpose:	Custom-made recombinant Tstd3 Protein expressed in mammalian cells.
Sequence:	<p>MLARLVLGTS GRAALGSVEP ALGGLKSIWR CSQAF CSTPK GVTYRELKSL LNSKDIMLID</p> <p>VRNTLEILEQ GKIPGSINIP LDEVGEALQM NPVDFKEKYC QVKPSKSDRL VFSCLAGVRS</p> <p>KKAMDTAISL GFNSAQHYAG GWKEWVTYEI SEEKQES <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>• Made to order protein - from design to production - by highly experienced protein experts.</li> <li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li> <li>• The optimized expression system ensures reliability for intracellular, secreted and</li> </ul>

## Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	TSTD3
Alternative Name:	Tstd3 ( <a href="#">TSTD3 Products</a> )
Background:	Thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 3 (Rhodanese domain-containing protein 3)
Molecular Weight:	17.3 kDa
UniProt:	<a href="#">Q9D0B5</a>

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

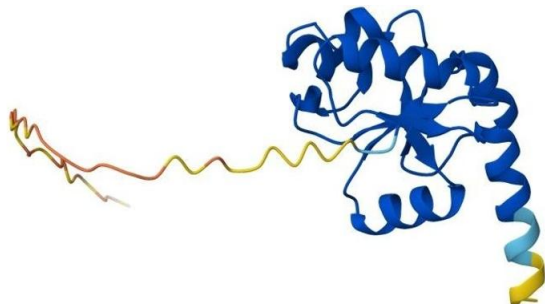
## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

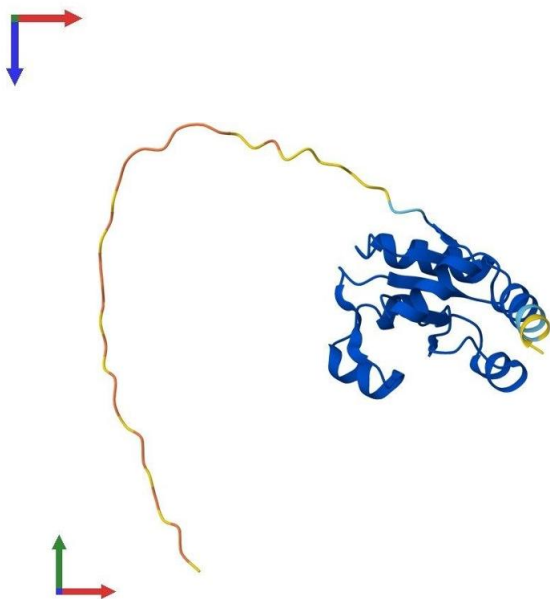
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

Images



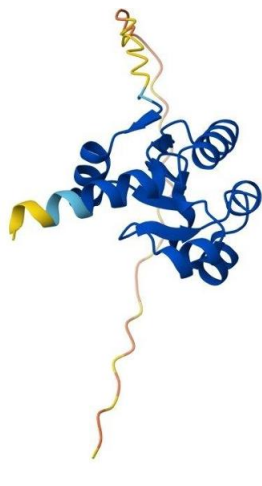
Protein Structure

**Image 1.** AlphaFold protein structure prediction of Mouse Recombinant Tstd3 Protein, UniprotID Q9D0B5



Protein Structure

**Image 2.** AlphaFold protein structure prediction of Mouse Recombinant Tstd3 Protein, UniprotID Q9D0B5



Protein Structure

**Image 3.** AlphaFold protein structure prediction of Mouse Recombinant Tstd3 Protein, UniprotID Q9D0B5