

Datasheet for ABIN7555745  
**TDRD7 Protein (AA 1-1098) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TDRD7
Protein Characteristics:	AA 1-1098
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TDRD7 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat TDRD7 Protein expressed in mammalien cells.
Sequence:	<p>MLEGDLVSKM LRAVLQSHKN GVALPRLQGE YRSLTGDWIP FKQLGFPTLE AYLRSPAVV RIETSRSGEI TCYAMACTET ARIAQLVARQ RSSKRKTGRQ VNCQMRVKKT MPFFLEGKPK ATLRQPGFAS NFSVGKKPNP APLRDKGNSV GVKPDAEMSP YMLHTTLGNE AFKDIPVQRH VTMSTNNRFS PKASLQPPLQ MHLSRTSTKE MSDNLNQTVE KPNVKPPASY TYKMDEVQNR IKEILNKHNN GIWISKLPHF YKELYKEDLN QGILQQFEHW PHICTVEKPC SGGQDLLLYP AKRKQLLRSE LDTEKVPLSP LPGPKQTPPL KGCPTVMAGD FKEKVADLLV KYTSGLWASA LPKAFEEMYK VKFPEDALKN LASLSDVCSI DYISGNPQKA ILYAKLPLPT DKIQKDAGQA HGDNDIKAMV EQEYLQVEES IAESANTFME DITVPPLMIP TEASPSVLVW ELSNTNEVVI RYVGKDYSAA QELMEDEMKE YYSKNPKITP VQAVNVGQLL AVNAEEDAWL RAQVISTEEN KIKVCYVDYG FSENVESKA YKLNPKFCSL SFQATKCKLA GLEVLSDDPD LVKVVESLTC GKIFAVEILD KADIPLVVLY DTSGEDDINI NATCLKAICD KSLEVHLQVD AMYTNVKVTN</p>

## Product Details

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ICSDGTLYCQ VPCKGLNKLS DLLRKIEDYF HCKHMTSECF VSLPFCGKIC LFHCKGKWLR  
VEITNVHSSR ALDVQFLDSG TVTSVKVSEL REIPPRFLQE MIAIPPQAIK CCLADLPQSI  
GMWTPDAVLW LRDSVLNCS DSIKVTKVDE TRGIAHVYLF TPKNFDPHR SINRQITNAD  
LWKHQKDVFL SAISSGADSP NSKNGNMPMS GNTGENFRKN LTDVIKSMV DHTSAFSTEE  
LPPPVLHLSKP GEHMDVYVPV ACHPGYFVIQ PWQEIHKLEV LMEEMILYYS VSEERHIAVE  
KDQVYAAKVE NKWHRVLLKG ILTNGLVSVY ELDYGKHELV NIRKVQPLVD MFRKLPFQAV  
TAQLAGVKCN QWSEEASVMF RNHVEKKPLV ALVQTVIENA NPWDRKVVVY LVDTSLPDTD  
TWIHD FMSEY LIELSKVN **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.**

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### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

TDRD7

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### Alternative Name:

TDRD7 ([TDRD7 Products](#))

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### Background:

Tudor domain-containing protein 7 (PCTAIRE2-binding protein) (Tudor repeat associator with PCTAIRE-2) (Trap),FUNCTION: Component of specific cytoplasmic RNA granules involved in post-transcriptional regulation of specific genes: probably acts by binding to specific mRNAs

## Target Details

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and regulating their translation. Required for lens transparency during lens development, by regulating translation of genes such as CRYBB3 and HSPB1 in the developing lens. Also required during spermatogenesis. {ECO:0000269|PubMed:21436445}.

Molecular Weight: 123.6 kDa

UniProt: [Q8NHU6](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months