

Datasheet for ABIN7564622
TDRD7 Protein (AA 1-1086) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TDRD7
Protein Characteristics:	AA 1-1086
Origin:	Mouse
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 Tdr7 Protein expressed in mammalien cells.
Sequence:	MLEADLVSKM LRAVLQSHKN GIVLPRLQGE YRSLTGDWIP FKQLGYPTLE AYLRSPAVV RIEASRSGEI VCYAVACTET ARIAQLVARQ RTSKRKIGRQ INCQMRVKKA MPFFLEGKPK ATLRQPGFAS DYSISRKPNS ALLRDRGSAL GVKADVDMPP YPDTPVQRHA SMSANSRFSP KSSLPASFQT HISRACPTEV NDNLNQTVEK PNITPPASYT NKMDEVQNR I KEILDKHNNG IWISKLPHFY KEFYKEDLNQ GVLQQFEHWP HICTVEKPCG GGQDSELLYP RREQPLKSDQ DPEKELPPPP PPKQEVPSQ GSPAVMPDVK EKVAELGKY SSSLWASALP KAFEDMYKVK FPEDALKNLA SLSDVCTINY ISGNTQKAIL YAKLPLPTDK ILKDEGQAQG DFDIKSMIEQ EYLQIEKNMA ESADEFLEDI TVPPLVIPT ASPSVLVVEL SNTNDVVIRY VGKDYSAAQE LMEDEMKEFY SKNPRVTPIQ TVHVGQLLAV NAEEDAWLRA QIISTDENKI KVCYVDYGFC ENIEKSKAYR LNPRFCSLSF QATKCKLAGL EVLNDDPDLV KAVESLTCGK IFAVEILDKS DVPLVLYDT SGEDDININA TCLKAICDRS LQVHLQVDAM YTNVKVTNIC SDGTYLCQVP

Product Details

CKGLNKLNDL LHKTEDYFHC KHMTSEYFIS LPFCGKICLF HCKGKWL RVE ITNVHSSRAL
DVQFLDSGNS TSVKVSELRE IPPRFLQEML AIPPQAIKCC LADLPQSIGM WTPDAVLWLR
DSVLNCSDCS IKVTKMDETK GVAYVYLFTP NNFPDPHRSI NRQITNADLW KHQKDVFLSA
VSTAASSPGN RGGTPAPGS PAESLRKSHPEVIKKSVDLH TSSFSLEELP PPVHLSRSGE
HMDVYVPVAC HPGHFVIQPW QEIHKLEVLMEEMILYYSVS EERHIAVERD QVYAAKVENK
WYRVLLKGIL TNGLVSVYEL DYGKHELVNI RKVQPLVDVF RKLFPQAVTA QLAGVKCSQW
SEEASMVFRN HVEKKALVAL VQTVVEHTNP WDRKVWLYLV DTSLPDTDTW IHDFMSQYLL
ELSKVN **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.**

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.

Purity:

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

Grade:

custom-made

Target Details

Target:

TDRD7

Alternative Name:

Tdrd7 ([TDRD7 Products](#))

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

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: 122.2 kDa

UniProt: [Q8K1H1](#)

Application Details

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

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