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Datasheet for ABIN7558013
TATDN1 Protein (AA 1-295) (His tag)

Overview

Quantity:	1 mg
Target:	TATDN1
Protein Characteristics:	AA 1-295
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TATDN1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Tatdn1 Protein expressed in mammalien cells.
Sequence:	MSLFKFVDIG INLTDPMFRG IYRGVQKHQD DLQDVIERAI QIGVKKFMIT GGSLQDSKDA LQLAQTNDMF FSTVGCHPTR CDEFKGGSPD QYLAGLLSLA ENNKGKVVAI GECGLDFDRL QFCPKDTQLK YFEKQFELSE QTQLPMFLHC RNSHTEFLDI MRRNRDRYVG GVVHSFDGTK EAAAALVDLG LYIGFNGCSL KTEANLEVLK SIPSEKLMIE TDAPWCGVKS THAGSKYINT SFPTKKKWEN GHCLKDRNEP CHIIQILEIM SAVREEDPLE LANTLYNNTI KVFFS 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	TATDN1
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Alternative Name:	Tatdn1 (TATDN1 Products)
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Background:	Deoxyribonuclease TATDN1 (EC 3.1.21.-),FUNCTION: Deoxyribonuclease which catalyzes (in vitro) the decatenation of kinetoplast DNA, which are circular DNA catenated to each other, producing linear DNA molecules (By similarity). Plays an important role in chromosomal segregation and cell cycle progression during eye development probably via its DNA decatenation activity (By similarity). {ECO:0000250 UniProtKB:Q6GML7}.
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Molecular Weight:	33.4 kDa
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UniProt:	Q6P8M1
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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.
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Restrictions:	For Research Use only
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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