

Datasheet for ABIN7544320
TIMMDC1 Protein (AA 1-285) (His tag)



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Overview

Quantity:	1 mg
Target:	TIMMDC1
Protein Characteristics:	AA 1-285
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIMMDC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TIMMDC1 Protein expressed in mammalian cells.
Sequence:	MEVPPPAPRS FLCRALCLFP RVFAAEAVTA DSEVLEERQK RLPYVPEPY Y PESGWDRLRE LFGKDEQQRI SKDLANICKT AATAGIIGWV YGGIPAFIHA KQYIEQSQA EIYHNRFDAV QSAHRAATRG FIRYGWRWGW RTAVFVTIFN TVNTSLNVYR NKDALSHFVI AGAVTGSLFR INVGLRGLVA GGIIGALLGT PVGGLLMAFQ KYSGETVQER KQKDRKALHE LKLEEWKGRL QVTEHLPEKI ESSLQEDEPE NDAKKIEALL NLPRNPSVID KQDKD 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.
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:	Key Benefits:

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	TIMMDC1
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Alternative Name:	TIMMDC1 (TIMMDC1 Products)
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Background:	Complex I assembly factor TIMMDC1, mitochondrial (Protein M5-14) (Translocase of inner mitochondrial membrane domain-containing protein 1) (TIMM domain containing-protein 1),FUNCTION: Chaperone protein involved in the assembly of the mitochondrial NADH:ubiquinone oxidoreductase complex (complex I). Participates in constructing the membrane arm of complex I. {ECO:0000269 PubMed:24191001}.
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Molecular Weight:	32.2 kDa
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UniProt:	Q9NPL8
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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.
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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