

Datasheet for ABIN7544615
TOMM40 Protein (AA 1-361) (His tag)



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Overview

Quantity:	1 mg
Target:	TOMM40
Protein Characteristics:	AA 1-361
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TOMM40 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TOMM40 Protein expressed in mammalian cells.
Sequence:	<p>MGNVLAASSP PAGPPPPPAP ALVGLPPPPP SPPGFTLPPL GGSLGAGTST SRSSERTPGA ATASASGAAE DGACGCLPNP GTFEECHRKC KELFPIQMEG VKLTVNKGLS NHFQVNHTVA LSTIGESNYH FGVTVYGTKQ LSPTEAFPVL VGDMDNSGSL NAQVIHQLGP GLRSKMAIQT QQSKFVNWQV DGEYRGSDFD AAVTLGNPDV LVGSGILVAH YLQSITPCLA LGGELVYHRR PGEEGTVMSL AGKYTLNNWL ATVTLGQAGM HATYYHKASD QLQVGVEFEA STRMQDTSVS FGYQLDLPKA NLLFKGSVDS NWIVGATLEK KLPPLPLTLA LGAFLNHRKN KFQCGFGLTI G</p> <p>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.</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:	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)
Grade:	custom-made

Target Details

Target:	TOMM40
Alternative Name:	TOMM40 (TOMM40 Products)
Background:	Mitochondrial import receptor subunit TOM40 homolog (Protein Haymaker) (Translocase of outer membrane 40 kDa subunit homolog) (p38.5),FUNCTION: Channel-forming protein essential for import of protein precursors into mitochondria (PubMed:15644312, PubMed:31206022). Plays a role in the assembly of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) by forming a complex with BCAP31 and mediating the translocation of Complex I components from the cytosol to the mitochondria (PubMed:31206022). {ECO:0000269 PubMed:15644312, ECO:0000269 PubMed:31206022}.
Molecular Weight:	37.9 kDa
UniProt:	O96008

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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Application Details

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