

Datasheet for ABIN7544501

TOMM34 Protein (AA 1-309) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TOMM34
Protein Characteristics:	AA 1-309
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TOMM34 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TOMM34 Protein expressed in mammalian cells.
Sequence:	<p>MAPKFPDSVE ELRAAGNESF RNGQYAEASA LYGRALRVLQ AQGSSDPEEE SVLYSNRAAC</p> <p>HLKDGNCRDC IKDCTSALAL VPFSIKPLLR RASAYEALEK YPMAYVDYKT VLQIDDNVTS</p> <p>AVEGINRMTR ALMDSLGP EW RLKLPISPLV PVSAQKRWNS LPSENHKEMA KSKSKETTAT</p> <p>KNRVPSAGDV EKARVLKEEG NELVKKGNHK KAIEKYSESL LCSNLESATY SNRALCYLVL</p> <p>KQYTEAVKDC TEALKLDGKN VKAFYRRAQA HKALKDYKSS FADISNLLQI EPRNGPAQKL</p> <p>RQEVKQNLH 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:	TOMM34
Alternative Name:	TOMM34 (TOMM34 Products)
Background:	Mitochondrial import receptor subunit TOM34 (hTom34) (Translocase of outer membrane 34 kDa subunit),FUNCTION: Plays a role in the import of cytosolically synthesized preproteins into mitochondria. Binds the mature portion of precursor proteins. Interacts with cellular components, and possesses weak ATPase activity. May be a chaperone-like protein that helps to keep newly synthesized precursors in an unfolded import compatible state. {ECO:0000269 PubMed:10101285, ECO:0000269 PubMed:11913975, ECO:0000269 PubMed:9324309}.
Molecular Weight:	34.6 kDa
UniProt:	Q15785

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.
--------------------	---

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