

Datasheet for ABIN7544506

TIMM22 Protein (AA 1-194) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TIMM22
Protein Characteristics:	AA 1-194
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIMM22 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TIMM22 Protein expressed in mammalian cells.
Sequence:	MAAAPNAGG SAPETAGSAE APLQYSLLLQ YLVGDKRQPR LLEPGSLGGI PSPAKSEEQK MIEKAMESCA FKAALACVGG FVLGGAFGVF TAGIDTNVGF DPKDPYRTPT AKEVLKDMGQ RGMSYAKNFA IVGAMFSCTE CLIESYRGTS DWKNSVISGC ITGGAIGFRA GLKAGAIGCG GFAAFSAAID YYLR 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: • 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

Product Details

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:	TIMM22
Alternative Name:	TIMM22 (TIMM22 Products)
Background:	Mitochondrial import inner membrane translocase subunit Tim22 (Testis-expressed protein 4),FUNCTION: Essential core component of the TIM22 complex, a complex that mediates the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. In the TIM22 complex, it constitutes the voltage-activated and signal-gated channel. Forms a twin-pore translocase that uses the membrane potential as external driving force in 2 voltage-dependent steps (By similarity). {ECO:0000250 UniProtKB:Q12328}.
Molecular Weight:	20.0 kDa
UniProt:	Q9Y584

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.
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