

Datasheet for ABIN7545103
VMA21 Protein (AA 1-101) (His tag)



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Overview

Quantity:	1 mg
Target:	VMA21
Protein Characteristics:	AA 1-101
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VMA21 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant VMA21 Protein expressed in mammalian cells.
Sequence:	MERPDKAALN ALQPPEFRNE SSLASTLKTL LFFTALMITV PIGLYFTTKS YIFEGALGMS NRDSYFYAAI VAVVAVHVVL ALFVYVAVNE GSRQWREGKQ D 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: <ul style="list-style-type: none">• 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.

Product Details

- 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:	VMA21
Alternative Name:	VMA21 (VMA21 Products)
Background:	Vacuolar ATPase assembly integral membrane protein VMA21 (Myopathy with excessive autophagy protein),FUNCTION: Required for the assembly of the V0 complex of the vacuolar ATPase (V-ATPase) in the endoplasmic reticulum. {ECO:0000255 HAMAP-Rule:MF_03058}.
Molecular Weight:	11.4 kDa
UniProt:	Q3ZAQ7

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.

Handling

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months