

Datasheet for ABIN7559703
AP3M2 Protein (AA 1-418) (His tag)



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Overview

Quantity:	1 mg
Target:	AP3M2
Protein Characteristics:	AA 1-418
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AP3M2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ap3m2 Protein expressed in mammalien cells.
Sequence:	MIHSLFLINS SGDIFLEKHW KSVVSRVCD YFFEAQERAT EAENVPPVIP TPHHYLLSVY RHKIFFVAVI QTEVPPLFVI EFLHRVWDTF QDYFGVCSEP VIKDNVVVVY EVLEEMLDNG FPLATESNIL KELIKPPTIL RTVVNTITGS TNVGDQLPTG QLSVVPWRRT GVKYTNNEAY FDVVEEIDAI IDKSGSTVTA EIQGVIDACV KLTGMPDLTL SFMNPRLDD VSFHPCVRFK RWESERILSF IPPDGNFRL AYHVSAQNLV AIPVYVKHSI SFRDSSSLGR FEITVGPKQT MGKTIEGVIV TSQMPKGVLN MSLTPSQGTH TFDPVTKMLS WDVGKINPQK LPSLKGTMGL QVGASKPDEN PTINLQFKIQ QLAIISGLKVN RLDMYGEKYK PFKGIKYMTK AGKFQVRT 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.
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, Western Blot

Grade: custom-made

Target Details

Target: AP3M2

Alternative Name: Ap3m2 ([AP3M2 Products](#))

Background: AP-3 complex subunit mu-2 (Adaptor-related protein complex 3 subunit mu-2) (Clathrin assembly protein assembly protein complex 3 mu-2 medium chain) (Clathrin coat assembly protein AP47 homolog 2) (Clathrin coat-associated protein AP47 homolog 2) (Golgi adaptor AP-1 47 kDa protein homolog 2) (HA1 47 kDa subunit homolog 2) (Mu3B-adaptin) (m3B) (P47B),FUNCTION: Component of the adaptor complexes which link clathrin to receptors in coated vesicles. Clathrin-associated protein complexes are believed to interact with the cytoplasmic tails of membrane proteins, leading to their selection and concentration. Ap47 is a subunit of the plasma membrane adaptor (By similarity). In concert with the BLOC-1 complex, AP-3 is required to target cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals. {ECO:0000250, ECO:0000269|PubMed:21998198}.

Molecular Weight: 46.9 kDa

UniProt: [Q8R2R9](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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
