

Datasheet for ABIN7556331
AP1m2 Protein (AA 1-423) (His tag)



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Overview

Quantity:	1 mg
Target:	AP1m2
Protein Characteristics:	AA 1-423
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AP1m2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ap1m2 Protein expressed in mammalien cells.
Sequence:	<p>MSASAVFILD VKGKPLISRN YKGDVPMTEI DHFMPLLMQR EEEGLVAPLL SHGRVHFLWI KHSNLYLVAT TLKNANASLV YSFLYKTVEV FCEYFKELEE ESIRDNFVIV YDLLDELMDF GFPQTTDSKI LQEYITQQGN KLETGKSRVP PVTNAVSWR SEGIKYKKNE VFIDVIESVN LLVNANGSVL LSEIVGTIKL KVFLSGMPEL RLGLNDRVLF ELTGRSKNKS VELEDVKFHQ CVRLSRFDND RTISFIPPDG DFELMSYRLS TQVKPLIWIE SVIEKFSSHR VEIMVKAKGQ FKKQSVANGV EISVPVPSDA DSPRFKTSVG SAKYVPEKNV VIWSIKSFPG GKEYLMRAHF GLPSVETEEV EGRPPIGVKF EIPYFTVSGI QVRYMKIIEK SGYQALPWVR YITQSGDYQL RTS</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.</p> <p>In case you have a special request, please contact us.</p>
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
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Grade:	custom-made
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Target Details

Target:	AP1m2
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Alternative Name:	Ap1m2 (AP1m2 Products)
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Background:	AP-1 complex subunit mu-2 (AP-mu chain family member mu1B) (Adaptor protein complex AP-1 subunit mu-2) (Adaptor-related protein complex 1 subunit mu-2) (Clathrin assembly protein complex 1 mu-2 medium chain 2) (Golgi adaptor HA1/AP1 adaptin mu-2 subunit) (Mu-adaptin 2) (Mu1B-adaptin),FUNCTION: Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the trans-Golgi network (TGN) and endosomes. The AP complexes mediate the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.
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Molecular Weight:	48.1 kDa
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UniProt:	Q9WVP1
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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
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Application Details

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