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Datasheet for ABIN1678211 AP2M1 Protein (AA 1-435) (His tag)

Overview

Quantity:	1 mg
Target:	AP2M1
Protein Characteristics:	AA 1-435
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AP2M1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MIGGLFIYNH KGEVLISRVY RDDIGRNAVD AFRVNVIHAR QQVRSPVTNI ARTSFFHVKR</p> <p>SNIWLAAVTK QNVNAAMVFE FLYKMCDVMT AYFGKISEEN IKNNFVLIYE LLDEILDFGY</p> <p>PQNSETGALK TFITQQGIKS QHQTKEEQSQ ITSQVTGQIG WRREGIKYRR NELFLDVLES</p> <p>VNLLMSPQGG VLSAHVSGRV VMKSYLSGMP ECKFGMNDKI VIEKQKGKTA DETGKTGKQS</p> <p>IAIDDCTFHQ CVRLSKFDSE RSISFIPPDG EYELMRYRTT KDIILPFRVI PLVREVGRTK</p> <p>LEVKVIKSN FKPSLLAQKI EVRIPTPLNT SGVQVICMKG KAKYKASENA IVWKIKRMAG</p> <p>MKESQISAEI ELLPTNDKKK WARPPISMNF EVPFAPSGLK VRYLKVFEPK LNYSDHDVIK</p> <p>WVRYIGRSGI YETRC</p>
Specificity:	Xenopus laevis (African clawed frog)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: AP2M1

Alternative Name: AP-2 complex subunit mu (ap2m1) ([AP2M1 Products](#))

Background: Recommended name: AP-2 complex subunit mu.
Alternative name(s): AP-2 mu chain Clathrin assembly protein complex 2 medium chain
Clathrin coat assembly protein AP50 Clathrin coat-associated protein AP50 Mu2-adaptin
Plasma membrane adaptor AP-2 50 kDa protein

UniProt: [Q801Q8](#)

Pathways: [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [EGFR Downregulation](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.