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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

AP2M1 (Human) Recombinant Protein (P01)

Catalog Number: H00001173-P01

Regulation Status: For research use only (RUO)

Product Description: Human AP2M1 full-length ORF (NP_004059.2, 1 a.a. - 435 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MIGGLFIYNHKGVEVLISRVRDDIGRNAVDAFRVNVIIHA
RQQVRSPVTNIARTSFFHVKRSNIWLAAVTKQNVNAA
MVFEFLYKMCVMAAYFGKISEENIKNNFVLIYELLDEI
LDFGYPQNSETGALKTFITQQGIKSQHQTKEEQSQITS
QVTGQIGWRREGIKYRRNELFLDVLESVNLLMSPQGQ
VLSAHVSGRVVMKSYLSGMPECKFGMNDKIVIEKQ GK
GTADETSKSGKQSI AID DCTFHQCVRLSKFDSERSISFI
PPDGEFELMRYRTTKDILPFRVIPLVREVGRTKLEVKV
VIKSNFKPSLLAQKIEVRIPTPLNTSGVQVICMKGKAKY
KASENAIVWKIKRMAGMKESQISAEIELLPTNDKKKWA
RPPISMNFEVFPFAPSGLKVRYLKVFEPLKNYS DHDVIK
WVRYIGRSGIYETRC

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 76.1

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1173

Gene Symbol: AP2M1

Gene Alias: AP50, CLAPM1, mu2

Gene Summary: This gene encodes a subunit of the heterotetrameric coat assembly protein complex 2 (AP2), which belongs to the adaptor complexes medium subunits family. The encoded protein is required for the activity of a vacuolar ATPase, which is responsible for proton pumping occurring in the acidification of endosomes and lysosomes. The encoded protein may also play an important role in regulating the intracellular trafficking and function of CTLA-4 protein. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]