

Recombinant Human AP2M1, T7 -tagged

Cat. No. AP2M1-27356TH Lot. No. (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant full length protein: Human AP2M1 proetin fused to T7 tag at N-terminus. |
| Species | Human |
| Source | E.coli |
| Description | 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. |
| Conjugation | T7 |
| Form | Liquid |
| Purity | >95% by SDS-PAGE |
| Storage buffer | Preservative: 0.002% Sodium Azide Constituents: 0.1% Triton-X-100, 10mM Tris, pH 8.0 |
| Storage | Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles. |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|------------------------------|---|
| Sequence Similarities | Belongs to the adaptor complexes medium subunit family. Contains 1 MHD (mu homology) domain. |
| Full Length | Full L. |
| GENE INFORMATION | |
| Gene Name | AP2M1 adaptor-related protein complex 2, mu 1 subunit [Homo sapiens] |
| Official Symbol | AP2M1 |
| Synonyms | AP2M1; adaptor-related protein complex 2, mu 1 subunit; CLAPM1; AP-2 complex subunit mu; AP 2 mu 2 chain; AP50; clathrin adaptor complex AP2; mu subunit; clathrin assembly protein complex 2 medium chain; clathrin coat adaptor protein AP50; clathrin associ |
| Gene ID | 1173 |
| mRNA Refseq | NM_001025205 |
| Protein Refseq | NP_001020376 |
| MIM | 601024 |
| Uniprot ID | Q96CW1 |
| Chromosome Location | 3q28 |
| Pathway | Arf1 pathway, organism-specific biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; EGFR |

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downregulation, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, organism-specific biosystem;

Function

lipid binding; protein binding; transporter activity;

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