



# Recombinant Chicken AP-2 complex subunit mu (AP2M1)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-YP713773CH   |
| <b>Abbreviation</b>      | AP2M1  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | Q5ZMP6   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Gallus gallus (Chicken)  |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MIGGLFIYNH KGEVLISRVY RDDIGRNAVD AFRVNVIHAR QQVRSPVTNI<br>ARTSFFHVKR SNIWLAAVTK QNVNAAMVFE FLYKMCDVMT AYFGKISEEN<br>IKNNFVLIYE LLDEILDFGY PQNSETGALK TFITQQGIKS QTKEEQSQIT<br>SQVTGQIGWR REGIKYRRNE LFLDVLESVN LLMSPQGQVL SAHVSGRVVM<br>KSYLSGMPEC KFGMNDKIVI EKQKGTADE TGKSGKQZIA IDDCTFHQCV<br>RLSKFDSERS ISFIPPDGEF ELMRYRTTKD IILPFRVIPL VREVGRTKLE<br>VKVVIKSNFK PSLLAQKIEV RIPTPLNTSG VQVICMKGKA KYKASENAIV<br>WKIKRMAGMK ESQISAEIEL LPTNDKKKWA RPPISMNFEV PFAPSGLKVR<br>YLVFEPKLN YSDHDVIKWV RYIGRSGIYE TRC                                     |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | AP2M1  |
| <b>Protein Names</b>     | 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 HA2 50 kDa subunit Mu2-adap  |
| <b>Expression Region</b> | 1-433  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Target Details</b>    | 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. |



---

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

---

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.