



# Recombinant Chicken AP-3 complex subunit mu-1 (AP3M1)

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| <b>Product Code</b>      | CSB-EP730529CH-B  |
| <b>Abbreviation</b>      | AP3M1   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q5ZMP7  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Gallus gallus (Chicken)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | MIHSLFLINC SGDIFLEKHW KSVVSQSVCD YFFEAQEKAI DVENVPPVIS<br>TPLHYLISIIY RDKIFFVSVI QTEVPPLFVI EFLHRVADTF QDYFGECSET<br>AIKDNVVIVY ELLEEMLDNG FPLATESNIL KELIKPPTIL RSVVNSITGS<br>SNVGDTLPTG QLSNIPWRRRA GVKYTNNEAY FDVIEEIDAI IDKSGSTVFA<br>EIQGVIDSCI KLSGMPDLSL SFMNPRLDD VSFHPCIRFK RWESERVLSF<br>IPPDGNFRLI SYRVSSQNLV AIPVYVKHLI SFKENSSSGR FDTVIGPKQN<br>MGKTVEGVVM TVHMPKAVLN MNLTATQGSY TFDPVTKVLA WDVGKITPQK<br>LPNLKGIVNL QSGAPKPEEN PSLNIQFKIQ QLAIISGLKVN RLDMYGEKYK<br>PFKGVKYITK AGKFQVRT   |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | AP3M1   |
| <b>Protein Names</b>     | Recommended name: AP-3 complex subunit mu-1 Alternative name(s): AP-3 adapter complex mu3A subunit Adapter-related protein complex 3 mu-1 subunit Mu-adaptin 3A Mu3A-adaptin  |
| <b>Expression Region</b> | 1-418   |
| <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 protein is the medium subunit of AP-3, which is an adaptor-related protein complex associated with the Golgi region as well as more peripheral intracellular structures. AP-3 facilitates the budding of vesicles from the Golgi membrane and may be directly involved in protein sorting to the endosomal/lysosomal system. AP-3 is a heterotetrameric protein complex composed of two large subunits (delta and beta3), a medium subunit (mu3), and a small subunit (sigma 3). Mutations in one of the large subunits of AP-3 have been associated with the Hermansky-Pudlak syndrome, a genetic disorder characterized by defective |



lysosome-related organelles. Alternatively spliced transcript variants encoding the same protein have been observed.

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**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.

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**Shelf Life**

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