



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

<b>Product Code</b>	CSB-EP730529CH
<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. 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 TPLHYLISYIY RDKIFFVSVI QTEVPPLFVI EFLHRVADTF QDYFGECSET AIKDNVVIVY ELLEEMLDNG FPLATESNIL KELIKPPTIL RSVVNSITGS SNVGDTLPTG QLSNIPWRRRA GVKYTNNEAY FDVIEEIDAI IDKSGSTVFA EIQGVIDSCI KLSGMPDLSL SFMNPRLDD VSFHPCIRFK RWESERVLSF IPPDGNFRLI SYRVSSQNLV AIPVYVKHLI SFKENSSSGR FDTVIGPKQN MGKTVEGVVM TVHMPKAVLN MNLTATQGSY TFDPVTKVLA WDVGKITPQK LPNLKGIVNL QSGAPKPEEN PSLNIQFKIQ QLAIISGLKVN RLDMYGEKYK 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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