



# Recombinant Human AP-4 complex subunit mu-1 (AP4M1)

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| <b>Product Code</b>      | CSB-MP001883HU   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | O00189   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MISQFFILSS KGDPLIYKDF RGDSGGRDVA ELFYRKLTLG PGDESPVVMH<br>HHGRHFIHIR HSGLYLVVTT SENVSPFSL ELLSRLATLL GDYCGSLGEG<br>TISRNVAVLY ELLDEVLDYG YVQTTSTEML RNFIQTEAVV SKPFSLFDLS<br>SVGLFGAETQ QSKVAPSSAA SRPVLSSRSQ QSQKNEVFLD VVERLSVLIA<br>SNGSLLKVDV QGEIRLKSFL PSGSEMRIQL TEEFCVKGSE LRGYGPGIRV<br>DEVSFHSSVN LDEFESHRIL RLQPPQGELT VMRYQLSDDL PSPLPFRLFP<br>SVQWDRGSGR LQVYLKLRCD LLSKSQALNV RLHLPLPRGV VLSLQELSSP<br>EQKAELAEGA LRWDLPRVQG GSQLSGLFQM DVPGPPGPPS HGLSTSASPL<br>GLGPASLSFE LPRHTCSGLQ VRFLRLAFRP CGNANPHKWV RHLSHSDAYV<br>IRI |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | AP4M1  |
| <b>Protein Names</b>     | Recommended name: AP-4 complex subunit mu-1 Alternative name(s): AP-4 adapter complex mu subunit Adapter-related protein complex 4 mu-1 subunit Mu subunit of AP-4 Mu-adaptin-related protein 2 Short name= mu-ARP2 Mu4-adaptin  |
| <b>Expression Region</b> | 1-453  |
| <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 AP-4 complex. The encoded protein belongs to the adaptor complexes medium subunits family. This AP-4 complex is involved in the recognition and sorting of cargo proteins with tyrosine-based motifs from the trans-golgi network to the endosomal-lysosomal system.   |
| <b>Reconstitution</b>    | 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.