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

Product Code	CSB-EP001883HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O00189
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MISQFFILSS KGDPLIYKDF RGDSGGRDVA ELFYRKLTGL PGDESPVVMH HHGRHFIHIR HSGLYLVVTT SENVSPFSLL ELLSRLATLL GDYCGSLGEG TISRNVALVY ELLDEVLDYG YVQTTSTEML RNFIQTEAVV SKPFSLFDLS SVGLFGAETQ QSKVAPSSAA SRPVLSSRSD QSQKNEVFLD VVERLSVLIA SNGSLLKVDV QGEIRLKSFL PSGSEMRIGL TEEFCVGKSE LRGYGPGIRV DEVSFHSSVN LDEFESHRIL RLQPPQGELT VMRYQLSDDL PSPLPFRLFP SVQWDRGSGR LQVYLKLRCD LLSKSQALNV RLHLPLPRGV VSLSQELSSP EQKAELAEGA LRWDLPRVQG GSQLSGLFQM DVPGPPGPPS HGLSTSASPL GLGPASLSFE LPRHTCSGLQ VRFLRLAFRP CGNANPHKWV RHLSHSDAYV IRI
Source	E.coli
Target Names	AP4M1
Protein Names	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
Expression Region	1-453
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
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.