



Recombinant Human AP-1 complex subunit mu-1 (AP1M1)

Product Code	CSB-EP863146HU-B
Abbreviation	AP1M1
Storage	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.
Uniprot No.	Q9BXS5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	SASAVYVLD LKGKVLICRN YRGDVDMSEV EHFMPILMEK EEEGMLSPIL AHGGVRFMWI KHNNLYLVAT SKKNACVSLV FSFLYKVVQV FSEYFKELEE ESIRDNFVII YELLDLMDF GYPQTDSKI LQEYITQEGH KLETGAPRPP ATVTNAVSWR SEGIKYRNE VFLDVIESVN LLVSANGNVL RSEIVGSIKM RVFLSGMPEL RLGLNDKVLV DNTGRGKSKS VELEDVKFHQ CVRLSRFEND RTISFIPPDG EFELMSYRLN THVKPLIWIE SVIEKSHSR IEYMIKAKSQ FKRRSTANNV EIHIPVND A DSPKFKTTVG SVKWVPENSE IVWSIKSFPG GKEYLMRAHF GLPSVEAEDK EGKPPISVKF EIPYFTTSGI QVRYLKIIEK SGYQALPWVR YITQNGDYQL RTQ
Source	E.coli
Target Names	AP1M1
Protein Names	Recommended name: AP-1 complex subunit mu-1 Alternative name(s): AP-mu chain family member mu1A Adaptor protein complex AP-1 mu-1 subunit Adaptor-related protein complex 1 mu-1 subunit Clathrin assembly protein complex 1 medium chain 1
Expression Region	2-423
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 of Mature Protein
Target Details	This protein is the medium chain of the trans-Golgi network clathrin-associated protein complex AP-1. The other components of this complex are beta-prime-adaptin, gamma-adaptin, and the small chain AP1S1. This complex is located at the Golgi vesicle and links clathrin to receptors in coated vesicles. These vesicles are involved in endocytosis and Golgi processing. Alternatively spliced transcript variants encoding distinct protein 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

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