Recombinant Mouse AP-2 complex subunit mu (Ap2m1)

Product Code	CSB-EP001872MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P84091
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MIGGLFIYNH KGEVLISRVY RDDIGRNAVD AFRVNVIHAR QQVRSPVTNI ARTSFFHVKR SNIWLAAVTK QNVNAAMVFE FLYKMCDVMA AYFGKISEEN IKNNFVLIYE LLDEILDFGY PQNSETGALK TFITQQGIKS QHQTKEEQSQ ITSQVTGQIG WRREGIKYRR NELFLDVLES VNLLMSPQGQ VLSAHVSGRV VMKSYLSGMP ECKFGMNDKI VIEKQGKGTA DETSKSGKQS IAIDDCTFHQ CVRLSKFDSE RSISFIPPDG EFELMRYRTT KDIILPFRVI PLVREVGRTK LEVKVVIKSN FKPSLLAQKI EVRIPTPLNT SGVQVICMKG KAKYKASENA IVWKIKRMAG MKESQISAEI ELLPTNDKKK WARPPISMNF EVPFAPSGLK VRYLKVFEPK LNYSDHDVIK WVRYIGRSGI YETRC
Source	E.coli
Target Names	Ap2m1
Protein Names	Recommended name: AP-2 complex subunit mu Alternative name(s): AP-2 mu chain Adapter-related protein complex 2 mu subunit Adaptor protein complex AP-2 subunit mu Clathrin assembly protein complex 2 medium chain Clathrin coat assemb
Expression Region	1-435
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 coat assembly protein complex 2 (AP2), which belongs to the adaptor complexes medium subunits family. The encoded protein is required for the activity of a vacuolar ATPase, which is responsible for proton pumping occurring in the acidification of endosomes and lysosomes. The encoded protein may also play an important role in regulating the intracellular trafficking and function of CTLA-4 protein. Two transcript variants encoding different 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	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.