Recombinant Mouse Ubiquitin-conjugating enzyme E2 K (Ube2k)

Product Code	CSB-EP025460MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P61087
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	ANIAVQRIK REFKEVLKSE ETSKNQIKVD LVDENFTELR GEIAGPPDTP YEGGRYQLEI KIPETYPFNP PKVRFITKIW HPNISSVTGA ICLDILKDQW AAAMTLRTVL LSLQALLAAA EPDDPQDAVV ANQYKQNPEM FKQTARLWAH VYAGAPVSSP EYTKKIENLC AMGFDRNAVI VALSSKSWDV ETATELLLSN
Source	E.coli
Target Names	Ube2k
Protein Names	Recommended name: Ubiquitin-conjugating enzyme E2 K EC= 6.3.2.19 Alternative name(s): Huntingtin-interacting protein 2 Short name= HIP-2 Ubiquitin carrier protein Ubiquitin-conjugating enzyme E2-25 kDa Short name= Ubiq
Expression Region	2-200
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 belongs to the ubiquitin-conjugating enzyme family. This protein interacts with RING finger proteins, and it can ubiquitinate huntingtin, the gene product for Huntington s disease. Known functions for this protein include a role in aggregate formation of expanded polyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the dislocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and involvement in foam cell formation. Multiple transcript variants encoding different isoforms have been identified 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.