



# Recombinant Bovine Ubiquitin-conjugating enzyme E2 K (UBE2K)

<b>Product Code</b>	CSB-YP025460BO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P61085
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	ANIAVQRIK REFKEVLKSE ETSKNQIKVD LVDENFTELK GEIAGPPDTP YEGGRYQLEI KIPETYFPNP PKVRFITKIW HPNISSVTGA ICLDILKDQW AAAMTLRTVL LSLQALLAAA EPDDPQDAVV ANQYKQNPEN FKQTARLWAH VYAGAPVSSP EYTKKIENLC AMGFDRNAVI VALSSKSWDV ETATELLLSN
<b>Source</b>	Yeast
<b>Target Names</b>	UBE2K
<b>Protein Names</b>	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
<b>Expression Region</b>	2-200
<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 of Mature Protein
<b>Target Details</b>	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.
<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.
<b>Shelf Life</b>	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.