



Recombinant Human Ubiquitin-conjugating enzyme E2 R2 (UBE2R2)

Product Code	CSB-EP765138HU
Abbreviation	UBE2R2
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.	Q712K3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAQQQMTSSQ KALMLELKSL QEPPVEGFRI TLVDESDLYN WEVAIFGPPN TLYEGGYFKA HIKFPIDYPY SPPTFRFLTK MWHPNYENG DVCISILHPP VDDPQSGELP SERWNPTQNV RTILLSVISL LNEPNTFSPA NVDASVMFRK WRDSKGGKDE YAEIIRKQVS ATKAEAEKDG VKVPTTLAEY CIKTKVPSND NSSDLLYDDL YDDDDIDDEE EEEDADCYDD DDSGNEES
Source	E.coli
Target Names	UBE2R2
Protein Names	Recommended name: Ubiquitin-conjugating enzyme E2 R2 EC= 6.3.2.19 Alternative name(s): Ubiquitin carrier protein R2 Ubiquitin-conjugating enzyme E2-CDC34B Ubiquitin-protein ligase R2
Expression Region	1-238
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	Protein kinase CK2 is a ubiquitous and pleiotropic Ser/Thr protein kinase involved in cell growth and transformation. This gene encodes a protein similar to the E2 ubiquitin conjugating enzyme UBC3/CDC34. Studies suggest that CK2-dependent phosphorylation of this ubiquitin-conjugating enzyme functions by regulating beta-TrCP substrate recognition and induces its interaction with beta-TrCP, enhancing beta-catenin degradation.
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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