



Recombinant Human Ubiquitin-conjugating enzyme E2 E3 (UBE2E3)

Product Code	CSB-EP839280HU-B
Abbreviation	UBE2E3
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.	Q969T4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SSDRQRSDD ESPSTSSGSS DADQRDPAAP EPEEQEERKP SATQQKKNTK LSSKTTAKLS TSAKRIQKEL AEITLDPPPN CSAGPKGDNI YEWRSTILGP PGSVYEGGVF FLDITFSSDY PFKPPKVTFR TRIYHCNINS QGVICLDILK DNWSPALTIS KVLLSICSLTDCNPADPLV GSIATQYL TN RAEHDRIARQ WTKRYAT
Source	E.coli
Target Names	UBE2E3
Protein Names	Recommended name: Ubiquitin-conjugating enzyme E2 E3 EC= 6.3.2.19 Alternative name(s): UbchH9 Ubiquitin carrier protein E3 Ubiquitin-conjugating enzyme E2-23 kDa Ubiquitin-protein ligase E3
Expression Region	2-207
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	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein shares 100% sequence identity with the mouse and rat counterparts, which indicates that this enzyme is highly conserved in eukaryotes. Two alternatively spliced transcript variants encoding the same protein 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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