



# Recombinant Bovine Ubiquitin-conjugating enzyme E2 B (UBE2B)

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| <b>Product Code</b>      | CSB-EP654893BO   |
| <b>Abbreviation</b>      | UBE2B  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q32P99   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Bos taurus (Bovine)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MSTPARRRLM RDFKRLQEDP PVGVSGAPSE NNIMQWNAVI FGPEGTPFED<br>GTFKLVIEFS EEYPNKPPTV RFLSKMFHPN VYADGSICLD ILQNRWSPTY<br>DVSSILTSIQ SLLDEPNPNS PANSQAAQLY QENKREYEKR VSAIVEQSWN<br>DS   |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | UBE2B  |
| <b>Protein Names</b>     | Recommended name: Ubiquitin-conjugating enzyme E2 B EC= 6.3.2.19<br>Alternative name(s): Ubiquitin carrier protein B Ubiquitin-protein ligase B  |
| <b>Expression Region</b> | 1-152  |
| <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 protein  |
| <b>Target Details</b>    | 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. This enzyme is required for post-replicative DNA damage repair. Its protein sequence is 100% identical to the mouse, rat, and rabbit homologs, which indicates that this enzyme is highly conserved in eukaryotic evolution. |
| <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.  |



## Shelf Life

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