



# Recombinant Escherichia coli UvrABC system protein B (uvrB)

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| <b>Product Code</b>      | CSB-EP636161EGW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Abbreviation</b>      | uvrB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <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>       | Q1REF1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen Species</b> | Escherichia coli (strain UTI89 / UPEC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Sequence</b>          | MSKPFKLNSA FKPSGDQPEA IRRLEEGLED GLAHQTLLGV TGSGKTFTIA<br>NVIADLQRPT MVLAPNKT LA AQLYGEMKEF FPENAVEYFV SYDYDYYQPEA<br>YVPSSDTFIE KDASVNEHIE QMRLSATKAM LERRDVVVVA SVSAIYGLGD<br>PDLYLKMMMLH LTVGMIIDQR AILRRLAELQ YARNDQAFQR GTFRVRGEVI<br>DIFPAESDDI ALRVELFDEE VERLSLFDPL TGQIVSTIPR FTIYPKTHYV<br>TPRERIVQAM EEIKEELAAR RKVLENNKL LEEQRLTQRT QFDLEMMNEL<br>GYCSGIENYS RFLSGRGPGE PPPTLFDYLP ADGLLVDES HVTIPQIGGM<br>YRGDRARKET LVEYGFRLPS ALDNRPLKFE EFEALAPQTI YVSATPGNIE<br>LEKSGGDVVD QVVRPTGLLD PIIEVPRVAT QVDDLLSEIR QRAAINERV<br>L VTTLTKRMAE DLTEYLEEHG ERVRYLHSDI DTVERMEIIR DLRLGEFDVL<br>VGINLLREGL DMPEVSLVAI LDADKEGFLR SERSLIQTIG RAARNVNGKA<br>ILYGDKITPS MAKAIETER RREKQQKYNE EHGITPQGLN KKVVDILALG<br>QNIAKTKAKG RGKSRPIVEP DNVPMDMSPK ALQQKIHELE GLMMQHAQNL<br>EFEEAAQIRD QLHQLRELF I AAS |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Target Names</b>      | uvrB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Protein Names</b>     | Recommended name: UvrABC system protein B Short name= Protein UvrB<br>Alternative name(s): Excinuclease ABC subunit B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Expression Region</b> | 1-673                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <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>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.

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**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.