



Recombinant Urease subunit alpha (ureC1)

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| Product Code | CSB-EP845238EOD |
| Abbreviation | ureC1 |
| 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. | Q8XAG0 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli O157:H7 |
| Purity | >85% (SDS-PAGE) |
| Sequence | MMSNISRQAY ADMFGPTTGD KIRLADTELW IEVEDDLTTY GEEVKFGGGK VIRDGMGQQQ MLSAGCADLV LTNALIIDYW GIVKADIGVK DGRIFAIGKA GNPDIQPNVT IPIGVSTEII AAEGRIVTAG GVDTHIHVIC PQQAEALTS GITTMIGGGT GPTAGSNATT CTPGPWYIYQ MLQAADSLPV NIGLLGKGNL SNPDALREQV AAGVIGLKIH EDWGATPAVI NCALTVADEM DVQVALHSDT LNESGFVEDT LTAIGGRTIH TFHTEGAGGG HAPDIITACA HPNILPSSN PTLPYTVNTI DEHLDMLMVC HHLDPDIAED VAFAESRIRQ ETIAAEDVLH DLGAFSLTSS DSQAMGRVGE VVLRTWQVAH RMKVQRGRLP EESGDNDNVR VKRYIAKYTI NPALTHGIAH EVGSIEVGKL ADLVLWSPAF FGVKPATIVK GMIAMAPMG DINGSIPTPQ PVHYRPMFAA LGSARHRCRV TFLSQAAAAN GVAEQLNLHS TTAUVKGCRT VQKADMRHNS LLPDITVDSQ TYEVRINGEL ITSEPADILP MAQRYFLF |
| Source | E.coli |
| Target Names | ureC1 |
| Protein Names | Recommended name: Urease subunit alpha EC= 3.5.1.5 Alternative name(s): Urea amidohydrolase subunit alpha |
| Expression Region | 1-568 |
| 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 |
| 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 | 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.