



Recombinant Urease subunit alpha (ureC1)

Product Code	CSB-EP845238EOD-B
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 VIRDGMGQQG MLSAGCADLV LTNALIIDYW GIVKADIGVK DGRIFAIGKA GNPDIQPNVT IPIGVSTELI AAEGRIVTAG GVDTHIHVIC PQQAEALTS GITTMIGGGT GPTAGSNATT CTPGPWYIYQ MLQAADSLPV NIGLLGKGNL SNPDALREQV AAGVIGLKIY EDWGATPAVI NCALTVADEM DVQVALHSST LNESGFVEDT LTAIGGRTIH TFHTEGAGGG HAPDIITACA HPNLPSSSTN PTLPYTVNTI DEHLDMLMVC HHLDPDIAED VAFSAESRIRQ ETIAAEDVLH DLGAFSLTSS DSQAMGRVGE VVLRTWQVAH RMKVQRGRLP EESGDNDNVR VKRYIAKYTI NPALTHGIAH EVGSIEVGKL ADLVLWSPAF FGVKPATIVK GGMIAMAPMG 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.