



Recombinant Escherichia coli O157:H7 Urease subunit alpha (ureC)

Product Code	CSB-EP481183EOE
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.	B5YUX3
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7 (strain EC4115 / EHEC)
Purity	>85% (SDS-PAGE)
Sequence	MSNISRQAYA DMFGPTTGDK IRLADTELWI EVEDDLTTYG EEVKFGGGKV IRDGMGQQQM LSAGCADLVL TNALIDYWG IVKADIGVKD GRIFAIGKAG NPDIQPNVTI PIGVSTEIIA AEGRIVTAGG VDTHIHWICP QQAEALTSG ITTMIGGGTG PTAGSNATTC TPGPWYIYQM LQAADSLPVN IGLLGKGNCS NPDALREQVA AGVIGLKIHE DWGATPAVIN CALTVADEM VQVALHSDTL NESGFVEDTL TAIGGRTIHT FHTEGAGGGH APDIITACAH PNILPSSTNP TLPYTVNTID EHLDMMLMVCH HLDPDIAEDV AFAESRIRQE TIAAEDVLHD LGAFLSTSSD SQAMGRVGEV VLRTWQVAHR MKVQRGPLPE ESGDNDNVRV KRYIAKYTIN PALTHGIAHE VGSIEVGKLA DLVLWSPAFF GVKPATIVKG GMIAMAPMGD INGSIPTPQP VHYRPMFAAL GSARHRCRVT FLSQAAAANG VAEQLNLHST TAVVKGCRV QKADMRHNSL LPDITVDSQT YEVRINGELI TSEPADILPM AQRVFLF
Source	E.coli
Target Names	ureC
Protein Names	Recommended name: Urease subunit alpha EC= 3.5.1.5 Alternative name(s): Urea amidohydrolase subunit alpha
Expression Region	1-567
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.



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