



Recombinant Escherichia coli Glutamyl-Q tRNA (Asp) synthetase

Product Code	CSB-EP509226ENU-B
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.	C4ZRN7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	>85% (SDS-PAGE)
Sequence	MLPPYFLFKE MTDTQYIGRF APSPSGELHF GSLIAALGSY LQARARQGRW LVRIEDIDPP REVPGAETI LRQLEHYGLH WGDVWLWQSQ RHDAYREALA WLHEQGLSYY CTCTRARIQS IGGIYDGHCR VLHHGPDNAA VRIRQQHPVT QFTDQLRGII HADEKLARED FIIHRRDGLF AYNLAVVVDD HFQGVTEIVR GADLIEPTVR QISLYQLFGW KVPDYIHLPL ALNPQGAKLS KQNHAPALPK GDPRPVLIAA LQFLGQQAEA HWQDFSVEQI LQSAVKNWRL TAVPESAIVN STFSNASC
Source	E.coli
Target Names	gluQ
Protein Names	Recommended name: Glutamyl-Q tRNA(Asp) synthetase Short name= Glu-Q-RSs EC= 6.1.1.-
Expression Region	1-308
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.