



Recombinant Glutamyl-Q tRNA (Asp) synthetase (gluQ)

Product Code	CSB-MP852026EOD
Abbreviation	gluQ
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.	Q8X909
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MLPPYFLFKE MTDTQYIGRF APSPSGELHF GSLIAALGSY LQARARHGRW LVRIEDIDPP REVPGAAETI LRQLEHYGLH WGDVWLWQSQ RHHAYREALA WLHEQGLSYY CTCTRARIQS IGGIYDGHCR VLHHGPDNAA VRIRQQHPVT QFTDQLRGII HADEKLARED FIIHRRDGLF AYNLAVVVDD HFQGVSEIVR GADLIEPTVR QISLYQLFGW KVPDYIHLPL ALNPQGAKLS KQNHAPALPK GDPRPVLIAA LQFLGQQAEA HWQDFSVEQI LQSAVKNWRL TAVPESAIVN STFSNASC
Source	Mammalian cell
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.