



Recombinant Legionella pneumophila subsp. pneumophila Aspartyl/glutamyl-tRNA (Asn/Gln) amidotransferase subunit B (gatB)

Product Code	CSB-EP720063LDL
Abbreviation	gatB
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.	Q5ZUQ6
Product Type	Recombinant Protein
Immunogen Species	Legionella pneumophila subsp. pneumophila (strain Philadelphia 1 / ATCC 33152 / DSM 7513)
Purity	>85% (SDS-PAGE)
Sequence	MEWDTVIGLE VHAQLKTKSK LFSGASTAFG ATPNSQTSFI DAGLPGVLPV LNEQAIIMAI QFGLAIHGTI NDLSVFERKN YFYDLPKGY QISQYQKPIV TNGYLNQLG NNLEKTVHIA RAHLEEDAGK SLHDAHTDYT GIDLNRAGTP LLEIVTTPCL YSAEEAINYL KTLHQLVRF L GICDGNMQEG SFRCDVNL SI KPKGSSVLGT RTELKNLNSF RFIEKAI AFE QARHQDILES GLSVIQETRL YNPDNNTTQA MRGKENENDY RYFPDPLL P IHIDKEQVEE IKNNLPDLPE AISKELKNTP SLNDEDINFI LSSPDTYQYY KKI KSLCPAA DKTIINWLKG QYAAFLNEHN LTFETPPISA KTMAAFLSKI HEKKISSSIA KNIFSM LCTG EKDIDAIIER EGYQQQNDNS ALEEIVEQII KQYPEQVTEY KAGKEKLLAF FIGQAMKQTK GKANPEQINL LLKKHLG
Source	E.coli
Target Names	gatB
Protein Names	Recommended name: Aspartyl/glutamyl-tRNA(Asn/Gln) amidotransferase subunit B Short name= Asp/Glu-ADT subunit B EC= 6.3.5.-
Expression Region	1-477
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.