



Recombinant *Nocardia farcinica* Glutamyl-tRNA (Gln) amidotransferase subunit A (gatA)

Product Code	CSB-EP719933NAAA
Abbreviation	gatA
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.	Q5YRT4
Product Type	Recombinant Protein
Immunogen Species	<i>Nocardia farcinica</i> (strain IFM 10152)
Purity	≥85% (SDS-PAGE)
Sequence	MSDLTTRTAA ELAQQIHARE ISSVEVTQAH LDRIAIEVDGE LNAFLHVAGE RALEAAAAVD AALAAGEAPA SPLAGVPLAL KDVFTTTDMP TTCASKILEG WMSPYDATVT TKLRAAGIPI LGKTNMDEFA MGSSTENSAY GPTRNPWDTT RIPGGSGGGS AAALASRQAP LAIGTDGGS IRQPAAVTAT VGTKPTYGTV SRYGLVACAS SLDQGGPCGR TVLDTALLHE VIAGYDPRDS TSRDVPVPPV VEAARRGAAG DLRGVKGVV KELHSDSYQP GVLASFDAAV AVLKDLGAEV VEVSCPHFEY GLPSYYLVMP SEVSSNLARF DAMRYGLRVG DDGTHSAEQV MAMTRAAGFG PEVKRRIMIG TYALSAGYYD EYYGQALKVR TLIARDFDRA YEQVDVLVSP TSPFTPWKLG EKVDDPLAMY LSDLCTLPTN LAGHPAMSV SGLSKDDGMP VGLQIMAPAL ADDRLYRVGA AYEAAARGPIA
Source	E.coli
Target Names	gatA
Protein Names	Recommended name: Glutamyl-tRNA(Gln) amidotransferase subunit A Short name= Glu-ADT subunit A EC= 6.3.5.-
Expression Region	1-490
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.