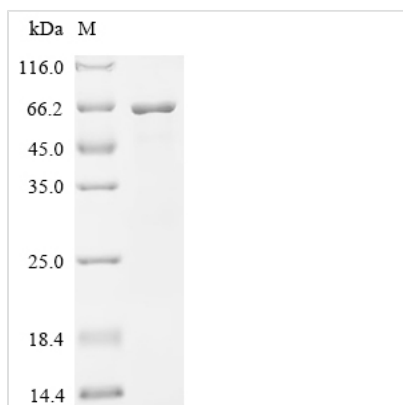




Recombinant Mycobacterium tuberculosis Glutamine synthetase(glnA1)

Product Code	CSB-EP142103FSG
Abbreviation	Recombinant Mycobacterium tuberculosis glnA1 protein
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.	P9WN39
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Mycobacterium tuberculosis Glutamine synthetase(glnA1)
Immunogen Species	Mycobacterium tuberculosis (strain ATCC 25618 / H37Rv)
Sensitivity	Not Test
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	TEKTPDDVFKLAKDEKVEYVDVRFCDLPGIMQHFTIPASAFDKSVFDDGLAFD GSSIRGFQSIHESDMLLLPDPETARIDPFRAAKTLNINFFVHDPFTLEPYSRDPR NIARKAENYLISTGIADTAYFGAEAEFYIFDSVSFDSRANGSFYEVD AISGWWN TGAATEADGSPNRYKVRHKGGYFPVAPNDQYVDLRDKMLTNLINSFILEKG HHEVGSGGQAEINYQFNLLHAADDMQLYKYIINKNTAWQNGKTVTFMPKPLFG DNGSGMHCHQSLWKDGAPLMYDETYAGLSDTARHYIGLLHHAPSLLAFTN PTVNSYKRLVPGYEAPINLVYSQRNRSACVRIPITGSNPKAKRLEFRSPDSSGN PYLAFSAML MAGLDGIKNKIEPQAPVDKDL YELPPEEAASIPQTPTQLSDVIDRL EADHEYLTEGGVFTNDLIETWISFKRENEIEPVNIRPHPYEFALYYDV
Research Area	Others
Source	E.coli
Target Names	glnA1
Expression Region	2-478aa
Tag Info	N-terminal 10xHis-tagged and C-termina Myc-tagged
Mol. Weight	60.9 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.