



Recombinant Glutamine synthetase 1 (glnA1)

Product Code	CSB-MP358639MVH
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.	P0A591
Product Type	Recombinant Protein
Immunogen Species	Mycobacterium bovis (strain ATCC BAA-935 / AF2122/97)
Purity	>85% (SDS-PAGE)
Sequence	MTEKTPDDVF KLAKEKVEY VDVRFCDLPG IMQHFTIPAS AFDKSVFDDG LAFDGGSSIRG FQSIHESDML LLPDPETARI DPFRAAKTLN INFFVHDPFT LEPYSRDPRN IARKAENYLI STGIADTAYF GAEAEFYIFD SVSFDSTRANG SFYEVDASIG WWNTGAATEA DGSPNRGYKV RHKGGYFPVA PNDQYVDLRD KMLTNLINSG FILEKGHHEV GSGGQAEINY QFNSSLHAAD DMQLYKYIIK NTAWQNGKTV TFMPKPLFGD NGS GMHCHQS LWKDGAPLMY DETG YAGLSD TARHYIGLL HHAPSLLAFT NPTVNSYKRL VPGYEAPINL VYSQRNRSAC VRIPITG SNP KAKRLEFRSP DSSGNPYLAF SAMLMAGLDG IKNKIEPQAP VDKDLYELPP EEAASIPQTP TQLSDVIDRL EADHEYLTEG GVFTNDLIET WISFKRENEI EPVNIRPHPY EFALYYDV
Source	Mammalian cell
Target Names	glnA1
Protein Names	Recommended name: Glutamine synthetase 1 EC= 6.3.1.2 Alternative name(s): Glutamate--ammonia ligase 1
Expression Region	1-478
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.