



Recombinant Mouse Glutamine synthetase (Glul)

Product Code	CSB-EP009553MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P15105
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	ATSASSHLN KGIKQMYMSL PQGEKVQAMY IWVDGTGEGEGL RCKTRTLDC PKCVEELPEW NFDGSSTFQS EGSNSDMYLH PVAMFRDPFR KDPNKLVLCE VFKYNRPAE TNLRHICKRI MDMVSNQHPW FGMEQEYTLM GTDGHPFGWP SNGFPGPQGP YYCGVGADKA YGRDIVEAHY RACLYAGVKI TGTAEVMPA QWEFQIGPCE GIRMGDHLWI ARFILHRVCE DFGVIATFDP KPIPGNWNGA GCHTNFSTKA MREENGLKCI EEAIKLSKR HQYHIRAYDP KGGLDNARRL TGFHETSNIN DFSAGVANRG ASIRIPRTVG QEKKGYFEDR RPSANCDPYA VTEAIVRTCL LNETGDEPFQ YKN
Source	E.coli
Target Names	Glul
Protein Names	Recommended name: Glutamine synthetase Short name= GS EC= 6.3.1.2 Alternative name(s): Glutamate decarboxylase EC= 4.1.1.15 Glutamate-- ammonia ligase
Expression Region	2-373
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 of Mature 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.