



Recombinant *Macaca fascicularis* Glutamine synthetase (GLUL)

Product Code	CSB-MP706159MOV
Abbreviation	GLUL
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.	Q4R7U3
Product Type	Recombinant Protein
Immunogen Species	<i>Macaca fascicularis</i> (Crab-eating macaque) (<i>Cynomolgus</i> monkey)
Purity	>85% (SDS-PAGE)
Sequence	TTSASSHLN KGIKQVYMSL PQGEKVQAMY IWIDGTGEGL RCKTRTL DSE PKCVEELPEW NFDGSSTLQS EGSNSDMYLV PAAMFRDPFR KDPNKLVLCE SFQVQFEGPA ETNLRHTCKR IMDMVSQHP WFGMEQEYTL MGTDGHPFGW PSNGFPGPQG PYYCGVGADR AYGRDIVEAH YRACLYAGVK IAGTNAEVMP AQWEFQIGPC EGISMGDHLW VARFILHRVC EDFGVIATFD PKPIGNWNG AGCHTNFSTK AMREENGLKY IEEAIEKLSK RHQYHIRAYD PKGGLDNARR LTGFHETSNI NDFSAGVANR SASIRIPRTV GQEKKG YFED RRPSANCDPF SVTEALIRTC LLNETGDEPF QYKN
Source	Mammalian cell
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	2-374
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.