



Recombinant *Ashbya gossypii* Glutamine synthetase (GLN1)

Product Code	CSB-YP741658DOT
Abbreviation	GLN1
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.	Q75BT9
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	>85% (SDS-PAGE)
Sequence	MSELVEKTST LLKYLDLDQR GAVIAEYI WV DSAGHLRSKG RTLQRRVESV DELPEWNFDG SSTGQAPGHD SDVYLKPVAF YPDFFRRGDN IIVLAECWNN DGTPNKYNHR HEAAKLFEAH RAADIWFGLE QEYTLFDHND NVYGWPKGGF PAPQGPYYCG VGAGKVYARD VVEAHYRACL YAGLRISGIN AEVMP SQWEF QVGPCTGITM GDELWVGRYL LHRVAEEFGV KVSFHPKPLK GDWNGAGCHT NVSTREMRQP GGMRYIEEAI DKLSKRHKEH IKLYGSDNEL RLTGRHETAS MATFSSGVAN RGASIRIPRS VSKEGFGYFE DRRPASNIDP YLVTGIICET ICGAIENADM SKEFERESS
Source	Yeast
Target Names	GLN1
Protein Names	Recommended name: Glutamine synthetase Short name= GS EC= 6.3.1.2 Alternative name(s): Glutamate--ammonia ligase
Expression Region	1-369
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



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