



Recombinant Escherichia coli Lactoylglutathione lyase (gloA)

Product Code	CSB-MP009511ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0AC81
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MRLLLHTMLRV GDLQRSIDFY TKVLGMKLLR TSENPEYKYS LAFVGYGPET EEAVIELTYN WGVDKYELGT AYGHIALSVD NAAEACEKIR QNGGNVTREA GPVKGGTTVI AFVEDPDGYK IELIEEKDAG RGLGN
Source	Mammalian cell
Target Names	gloA
Protein Names	Recommended name: Lactoylglutathione lyase EC= 4.4.1.5 Alternative name(s): Aldoketomutase Glyoxalase I Short name= Glx I Ketone-aldehyde mutase Methylglyoxalase S-D-lactoylglutathione methylglyoxal lyase
Expression Region	1-135
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.