



Recombinant Arabidopsis thaliana Probable lactoylglutathione lyase, chloroplast (At1g67280)

Product Code	CSB-EP819839DOA
Abbreviation	At1g67280
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.	Q8W593
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	AESGKAA QATTQDDLLT WVKNDKRRML HVVYRVGDMD RTIKFYTECL GMKLLRKRDI PEEKYTNAFL GYGPEDSHFV IELTYNYGVD KYDIGAGFGH FGIAVDDVAK TVELVKAKGG KVSREPGPVK GGKTVIAFIE DPDGYKFELL ERGPTPEPLC QVMLRVGDLD RAIKFYEKAF GMELLRTRDN PEYKYTIAMM GYGPEDKFPV LELTYNYGVT EYDKGNAYAQ IAIGTDDVYK TAEAIKLFGG KITREPGPLP GISTKITACL DPDGWKSVFV DNIDFLKELE
Source	E.coli
Target Names	At1g67280
Protein Names	Recommended name: Probable lactoylglutathione lyase, chloroplast EC=4.4.1.5 Alternative name(s): Glyoxalase I
Expression Region	64-350
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.