



Recombinant Arabidopsis thaliana Lactoylglutathione lyase (At1g08110)

Product Code	CSB-EP814112DOA-B
Abbreviation	At1g08110
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.	Q8H0V3
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MASEARESPA NNPGLSTNRD EATKGYIMQQ TMFRIKDPKA SLDFYSRVLG MSLLKRLDFS EMKFSLYFLG YEDTTTAPTD PTERTVWTFG QPATIELTHN WGTESDPEFK GYHNGNSEPR GFGHIGVTVD DVHKACERFE ELGVEFAKKP NDGKMKNIAF IKDPDGYWIE IFDLKTIGTT TVNAA
Source	E.coli
Target Names	At1g08110
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	1-185
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.