



Recombinant *Oryza sativa* subsp. japonica Peroxisomal (S)-2-hydroxy-acid oxidase GLO2 (GLO2)

Product Code	CSB-EP800032OFG-B
Abbreviation	GLO2
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.	Q7XPR4
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MALVTNVCEY EELAKHKLPK MVDYFYAVDA EDQWTLRENS EAFSRILFQP VVLVDVSCID MSMSVLGYNI SMPIMIAPTA LHKLAHPEGE LATARAAAAA ETIMTLSSWS SCSIEEVNLA GPGVRRFFQLS IYKDRNLVQQ LIQRAEKAGY KAIVLTVDAP WLGRREADVK NRFTLPQNVN LKIFEGLDQG KIDETNGSGL AAYVASQIDR SFSWKDIKWL QVTVSLPVLV KGIITAQDTR IAIEYGAAGI IMSNHGGRQL DYLPATISCL EEVREANGR VPFIDSGFR RGTDFVKALA LGASGVFIGR PVLFSLAIDG EAGVRNALRM LRDELEITMA LSGCTSVKEI TRGHVVTESD RIRRC SRL
Source	E.coli
Target Names	GLO2
Protein Names	Recommended name: Peroxisomal (S)-2-hydroxy-acid oxidase GLO2 EC= 1.1.3.15 Alternative name(s): Glycolate oxidase 2 Short name= GOX 2 Short name= OsGLO2 Short chain alpha-hydroxy acid oxidase GLO2
Expression Region	1-368
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.



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