



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

<b>Product Code</b>	CSB-EP800032OFG
<b>Abbreviation</b>	GLO2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q7XPR4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Oryza sativa</i> subsp. japonica (Rice)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MALVTNVCEY EELAKHKLPK MVYDFYAVDA EDQWTLRENS EAFSRILFQP VVLVDVSCID MSMSVLGYNI SMPIMIAPTA LHKLAHPEGE LATARAAAAA ETIMTLSSWS SCSIEEVNLA GPGVRRFFQLS IYKDRNLVQQ LIQRAEKAGY KAIVLTVDAP WLGRREADVK NRFTLPQNVN LKIFEGLDQG KIDETNGSGL AAYVASQIDR SFSWKDIKWL QVTSLPVLV KGIITAQDTR IAIEYGAAGI IMSNHGGRQL DYLPATISCL EEVVREANGR VPVFIDSGFR RGTDVFKALA LGASGVFIGR PVLFSLAIDG EAGVRNALRM LRDELEITMA LSGCTSVKEI TRGHVVTESD RIRRC SRL
<b>Source</b>	E.coli
<b>Target Names</b>	GLO2
<b>Protein Names</b>	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
<b>Expression Region</b>	1-368
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.