



Recombinant *Oryza sativa* subsp. *indica* Peroxisomal (S)-2-hydroxy-acid oxidase GLO1

Product Code	CSB-EP490238OFF
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.	B8AKX6
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>indica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MGEITNVMEY QAIKQKLPK MIYDYYASGA EDEWTLKENR EAFSRILFRP RILIDVSKID MSATVLGFKI SMPIMIAPSA MQKMAHPDGE YATARAASAA GTIMTLSSWA TSSVEEVAST GPGIRFFQLY VYKDRNVVEQ LVRRRAERAGF KAIALTVDTP RLGRRREADIK NRFVLPPYLT LKNFEGLDLA EMDKSNDGSL ASYVAGQIDR TLSWKDVKWL QSITSLPILV KGVITAEDAR LAVHSGAAGI IVSNHGARQL DYVPATISAL EEVVTAAAGR IPVYLDGGVR RGTDVFKALA LGAAGVFIGR PVVFALAAEG EAGVRNVLRM MREEFELTMA LSGCTSLADI TRAHIYTDAD RLARPPFRL
Source	E.coli
Target Names	GLO1
Protein Names	Recommended name: Peroxisomal (S)-2-hydroxy-acid oxidase GLO1 EC= 1.1.3.15 Alternative name(s): Glycolate oxidase 1 Short name= GOX 1 Short name= OsGLO1 Short chain alpha-hydroxy acid oxidase GLO1
Expression Region	1-369
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.