



Recombinant *Oryza sativa* subsp. japonica Peroxisomal (S)-2-hydroxy-acid oxidase GLO5 (GLO5)

Product Code	CSB-BP751112OFG
Abbreviation	GLO5
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.	Q6YT73
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MGEITNVTEY QAIKQKLPK MIYDYYASGA EDEWTLQENR EAFARILFRP RILIDVSKID MATTVLGFKI SMPIMIAPSA MQKMAHPDGE YATARAASAA GTIMTLSSWA TSSVEEVAST GPGIRFFQLY VYKDRRVVEQ LVRRAERAGF KAIALTVDTP RLGRREADIK NRFVLPPFLT LKNFEGLELG KMDQASDSGL ASYVAGQIDR TLSWKDKWL QTITTLPILV KGVITAEDTR LAVENGAAGI IVSNHGARQL DYVPATISAL EEVKAARGQ LPVFLDGGVR RGTDFVKALA LGAAGVFIGR PVPFSLAAAG EAGVRNVLQM LRDEFELTMA LSGCTSLADI TRNHVITEAD KLGVMPSRL
Source	Baculovirus
Target Names	GLO5
Protein Names	Recommended name: Peroxisomal (S)-2-hydroxy-acid oxidase GLO5 EC= 1.1.3.15 Alternative name(s): Glycolate oxidase 5 Short name= GOX 5 Short name= OsGLO5 Short chain alpha-hydroxy acid oxidase GLO5
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.