



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

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|--------------------------|---|
| Product Code | CSB-EP751112OFG-B |
| 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 | E.coli |
| 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. |



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