



Recombinant *Oryza sativa* subsp. japonica Peroxisomal (S)-2-hydroxy-acid oxidase GLO3 (GLO3)

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|--------------------------|---|
| Product Code | CSB-EP745275OFG-B |
| Abbreviation | GLO3 |
| 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. | Q7FAS1 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Oryza sativa</i> subsp. japonica (Rice) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MELITNVSEY EQLAKQKLPK MIYDYYASGA EDQWTLKENR EAFSRILFRP RILIDVSRIN MATNVLGFNI SMPIMIAPSA MQKMAHPEGE LATARAASAA GTIMTLSSWS TSSVEEVNSA APGIRFFQLY VYKDRNIVRQ LVRRRAELAGF KAIALTVDTP RLGRREADIK NRFNLPPHLV LKNFEALDLG KMDKTNDGSL ASYVASQVDR SLSWTDVKWL QTITSLPILV KGVMTAEDTR LAVESGAAGI IVSNHGARQL DYVPATISCL EEVVREAKGR LPVFLDGGVR RGTDVFKALA LGASGVFIGR PVLFSLAVDG EAGVRKVLQM LRDELELTMA LSGCTSLAEI TRNHVITDSD RIRRSRL |
| Source | E.coli |
| Target Names | GLO3 |
| Protein Names | Recommended name: Peroxisomal (S)-2-hydroxy-acid oxidase GLO3 EC= 1.1.3.15 Alternative name(s): Glycolate oxidase 3 Short name= GOX 3 Short name= OsGLO3 Short chain alpha-hydroxy acid oxidase GLO3 |
| Expression Region | 1-367 |
| 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, |



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