



Recombinant Arabidopsis thaliana Peroxisomal (S)-2-hydroxy-acid oxidase GLO4 (GLO4)

Product Code	CSB-EP862801DOA-B
Abbreviation	GLO4
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.	Q9LJH5
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MDQIVNVDEF QELAKQALPK MYYDFYNGGA EDQHTLNENV QAFRRIMFRP RVLVDVSNID MSTSMLGYPI SAPIMIAPTA MHKLAHPKGE IATAKAAAAC NTIMIVSFMS TCTIEEVASS CNAVRFLQIY VYKRRDVTAQ IVKRAEKAGF KAIVLTVDVP RLGRRREADIK NKMISPQLKN FEGLVSTEVR PNEGSGVEAF ASSAFDASLS WKDIEWLRSI TKLPILVKGL LTREDALKAV EAGVDGIVVS NHGARQLDYS PATITVLEEV VHAVKGRIPIV LLDGGVRRGT DVFKALALGA QAVLIGRPIV YGLAAKGEDG VKKVIDMLKN EFEITMALSG CPTIDDVTRN HVRTENERIK SML
Source	E.coli
Target Names	GLO4
Protein Names	Recommended name: Peroxisomal (S)-2-hydroxy-acid oxidase GLO4 EC= 1.1.3.15 Alternative name(s): Glycolate oxidase 4 Short name= AtGLO4 Short name= GOX 4 Short chain alpha-hydroxy acid oxidase GLO4
Expression Region	1-363
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.