



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

<b>Product Code</b>	CSB-EP862801DOA
<b>Abbreviation</b>	GLO4
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9LJH5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	E.coli
<b>Target Names</b>	GLO4
<b>Protein Names</b>	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
<b>Expression Region</b>	1-363
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.