



# Recombinant Arabidopsis thaliana Peroxisomal (S)-2-hydroxy-acid oxidase GLO2 (GLO2)

<b>Product Code</b>	CSB-EP885413DOA
<b>Abbreviation</b>	GLO2
<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>	Q9LRS0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEITNVTEYD AIAKAKLPKM VYDYYASGAE DQWTLQENRN AFARILFRPR ILIDV NKIDM ATTVLGFKIS MPIMVAPTAF QKMAHPDGEY ATARAASAAG TIMTLSSWAT SSVEEVASTG PGIRFFQLYV YKNRKVVEQL VRRAEKAGFK AIALTVDTPR LGRRES DIKN RFTLPPNLT LKNFEGLDLGK MDEANDSGLA SYVAGQIDRT LSWKDIQWLQ TITNMPILVK GVL TGEDARI AIQAGAAGII VSNHGARQLD YVPATISALE EVVKATQGRV PVFLDGGVRR GTDVF KALAL GASGIFIGRP VVFALAAEGE AGVKKVLQML RDEFELTMAL SGC RSLSEIT RNHIVTEWDT PRHLPRL
<b>Source</b>	E.coli
<b>Target Names</b>	GLO2
<b>Protein Names</b>	Recommended name: Peroxisomal (S)-2-hydroxy-acid oxidase GLO2 EC= 1.1.3.15 Alternative name(s): Glycolate oxidase 1 Short name= AtGLO2 Short name= GOX 1 Short chain alpha-hydroxy acid oxidase GLO2
<b>Expression Region</b>	1-367
<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.