



Recombinant Arabidopsis thaliana Inositol oxygenase 4 (MIOX4)

Product Code	CSB-EP808444DOA-B
Abbreviation	MIOX4
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.	Q8H1S0
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MTISVEKPIF EEVSAFEKSG DNIGELKLDG GFSMPKMDTN DDEAFLAPEM NAFGRQFRDY DVESERQKGV EEFYRLQHIN QTVDFVKKMR AEYGKLDKMOV MSIWECCCELL NEVVDESDPD LDEPQIQHLL QSAEAIKRDY PNEDWLHLTA LIHDLGKVIT LPQFGGLPQW AVVGDTFPVG CAFDESNVHH KYFVENPDFH NETYNTKNGI YSEGCGLNNV MMSWGHDDYM YLVAKENGST LPSAGQFIIR YHSFYPLHTA GEYTHLMNEE DKENLKWLVH FNKYDLYSKS KVHVDVEKVK PYYMSLIKKY FPENLRW
Source	E.coli
Target Names	MIOX4
Protein Names	Recommended name: Inositol oxygenase 4 EC= 1.13.99.1 Alternative name(s): Myo-inositol oxygenase 4 Short name= AtMIOX4 Short name= MI oxygenase 4
Expression Region	1-317
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.