



Recombinant Arabidopsis thaliana 12-oxophytodienoate reductase 2 (OPR2)

Product Code	CSB-EP812758DOA-B
Abbreviation	OPR2
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.	Q8GYB8
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MEMVNAEAKQ SVPLLPYKM GRFNLSHRVV LAPLTRQKSY GSVQPQHAIL YYSQRTSPGG FLIAEATGVS DTAQGYPDTP GIWTKEHVEA WKPIVDAVHA KGGIFFCQIW HVGRVSNRGF QPRRQAPISC TGKPIMPQMR ANGIDEARFT PPRRLSIEEI PGIVNDFRLA ARNAMEAGFD GVEIHGAHGY LIDQFMKDKV NDRTDEYGGG LQNRCKFALE VDAVAKEIG PDRVGIRLSP FADYMESGDT NPEALGLYMV ESLNKYGILY CHMIEPRMKT VGEIAACSHT LMPMREAFKG TFISAGGFTR EDGNEAVAKG RTDLVAYGRW FLANPDLPKR FQLDAPLNKY NRSTFYTSDP VVGYPDYPSL ESTA
Source	E.coli
Target Names	OPR2
Protein Names	Recommended name: 12-oxophytodienoate reductase 2 EC= 1.3.1.42 Alternative name(s): 12-oxophytodienoate-10,11-reductase 2 Short name= AtOPR2 Short name= OPDA-reductase 2
Expression Region	1-374
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.