



# Recombinant Arabidopsis thaliana 12-oxophytodienoate reductase 2 (OPR2)

<b>Product Code</b>	CSB-MP812758DOA
<b>Abbreviation</b>	OPR2
<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>	Q8GYB8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	Mammalian cell
<b>Target Names</b>	OPR2
<b>Protein Names</b>	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
<b>Expression Region</b>	1-374
<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.