



Recombinant *Oryza sativa* subsp. *japonica*

Putative 12-oxophytodienoate reductase 4 (OPR4)

Product Code	CSB-EP718184OFG
Abbreviation	OPR4
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.	Q69TH8
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	MAREAEKDAA AA AEIPLLTP YKMGRFELSH RVVLAPLTRN RSYGNVPRPH AVLYYTQRAT SGGLLVTEAT GVSDTAQGYP DTPGIWTQQQ VEA WKPIVDA VHRKGALFIC QLWHVGRVST NEYQPDGQAP ISSTD RQITP DD SGIVYSKP RRLRTEEIPQ IIDDFRRAAR NAIEAGFDGV EIHGAHGYLL EQFMKDSAND RSDEYGGSLE NRCRFVVEVI DAIVAEVGAH RVGIRLSPFI DYMDCVDS DP VALGSY MVQQ LNKHPGFLYC HMVEPRMAIV EGRRKITHGL LPFRKLFNGT FIAAGGYDRE EGNKVIADGY ADLVAYGRHF LANPDL PKRF AINAPLNKYN RSTFYIQDPV VGYTDYPFLD EKDEGAATYA
Source	E.coli
Target Names	OPR4
Protein Names	Recommended name: Putative 12-oxophytodienoate reductase 4 EC= 1.3.1.- Alternative name(s): OPDA-reductase 4 Short name= OsOPR4
Expression Region	1-380
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.