

# Putative 12-oxophytodienoate reductase 6 (OPR6), Recombinant Protein

Cat *RP11272*

Size *0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1*

**Species** *mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*  
*Oryza sativa subsp. japonica (Rice)*

## Full Product Name

Recombinant *Oryza sativa subsp. japonica* Putative 12-oxophytodienoate reductase 6 (OPR6)

## Product Gene Name

OPR6 recombinant protein

## Product Synonym Gene Name

OPR6

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

MVQHHQAAAN DDHQAIPLLT PYKQAGRPGS KDLDSHRVLL APMTRCRSYG NVPQPHAALY YTQRATRGGGLITEATGVSA TAQGYPETPG VRTREHVEAW KPIVDAVHRK GALFICQLWH VGRVSNNGFQ PDGLAPISSTDKAITPDGYG MVYSKPRRLR TDEIPQIVDD FRLAARNAVE AGFDGVEIHG ANGYLLEQFM KDSSNDRTDEYGGLENRCR FAVEVIDAVV GEIGAHSVG I RLSPFLDYMD CVDSPEALG SYMVEQLNKH EDFLYCHMVEPRMAIVDGRR QIQHGLLPFR KQFNFTFIAA GGYDREEGNK AVADGYADLV AYGRLFLANP DLPKRFELDAPMNNYDRNTF YTQDPVVGYT DYPFLDEHHH DDDDDSNAPS A

## Sequence Positions

1-391, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

43,514 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

## Protein Family

Putative 12-oxophytodienoate reductase

## NCBI Accession #

XP\_015641952.1

## NCBI GI #

1002275275

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Putative 12-oxophytodienoate reductase 6 (OPR6), Recombinant Protein

Cat *RP11272*

Size *0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1*

*mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*

## NCBI GenBank Nucleotide #

XM\_015786466.1

## NCBI GeneID

4340484

## NCBI Official Full Name

putative 12-oxophytodienoate reductase 6

## NCBI Official Symbol

LOC4340484

## NCBI Official Synonym Symbols

OPR4; OPR6; OsOPR6; OsJ\_20590

## NCBI Protein Information

putative 12-oxophytodienoate reductase 6

## UniProt Gene Name

OPR6

## UniProt Synonym Gene Names

OPR4; OsOPR6

## UniProt Protein Name

Putative 12-oxophytodienoate reductase 6

## UniProt Synonym Protein Names

OPDA-reductase 6; OsOPR6

## UniProt Primary Accession #

Q69T12

## UniProt Secondary Accession #

A0A0N7KLR8

## UniProt Related Accession #

Q69T12

## UniProt Comments

Putative oxophytodienoate reductase that may be involved in the biosynthesis or metabolism of oxylipin signaling molecules.

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**