

Acyl-[acyl-carrier-protein] desaturase 3, chloroplastic (Osl_07337), Recombinant Protein

Cat RP13855

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-
Oryza sativa subsp. indica (Rice
Cell))

Full Product Name

Recombinant Oryza sativa subsp. indica Acyl-[acyl-carrier-protein] desaturase 3, chloroplastic (Osl_07337)

Product Gene Name

Osl_07337 recombinant protein

Purity

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

Sequence

ASTAGVGGIG NTPRGGKPF APWREVPPQV THTLPPEKKE VFDSLEGWAA DTILPYLKPV EESWQPQDHL
PDPRSPSFGD EVAALRERAA GLPDDHLVCL VGDMVTEEAL PTYQTMLNTM DGGVRDETGA GGSAAVAVWTR
AWAAEENRHG DLMNKYLYLT GRVDMRQVEK TIQYLIGSGM DPRTEENDPYM GFYITTFQER ATSISHGNTA
RHAGRHGDAALARVCGTVAA DEKRHEAAYA AIVAKLFEVD PDYTVRAFAR MMRRKVAMPA RLMYDGADDR
LFARFAAVAQ RLGVYTAADY AGIIEFLVAR WGVPGLAAGL SGEGRRAQDF VCSLGPFRFR MEERAQEAAK
RAPPAAAAPF SWIHGRQVQL

Sequence Positions

33-402, 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

43,984 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

Acyl-[acyl-carrier-protein] desaturase

NCBI Accession

B8AIC3.1

NCBI GI

313471478

NCBI Official Full Name

Acyl-[acyl-carrier-protein] desaturase 3, chloroplastic

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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-
Osl_07337 Cell)

UniProt Gene Name

Acyl-[acyl-carrier-protein] desaturase 3, chloroplastic

UniProt Primary Accession

B8AIC3

UniProt Comments

Introduces a cis double bond in the acyl chain of an acyl-[acyl-carrier protein].

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