



Recombinant *Oryza sativa* subsp. *japonica* Acyl-[acyl-carrier-protein] desaturase 4, chloroplastic (Os03g0423300, LOC_Os03g30950)

Product Code	CSB-MP769560OFG
Abbreviation	Os03g0423300, LOC_Os03g30950
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.	Q84MF1
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	ASARREQVEI ARSLNAWVEE NMLPLLTPVD SAWQPHDFLP CSAAGGGEAL AAFTEGVAEL RAGAAGVPDE VLVCLVGNMV TEEALPTYQS MGNRAEGLAD GTGVSPLPWA RWLRGWTAEE NRHGDLLNRY LYLSGRVDMR QVEATVHRLR RNMMEMLAPA SPYHGLIYGA FQERATFISH GHTARLAGQH GDRALAKICG VIAADERRHE AGYTMASGRL FELDPDGMAR ALADVMRGKV TMPGQLMSDG RDGDGEHSLF ARFSAVAERA GVYTARDYGD LVEHFVRRWR VAELAAGLSG EGRRAQEYLC GLAPKIRRME ELAHRRAARI EPAMARFSWI FDRPVMLG
Source	Mammalian cell
Target Names	Os03g0423300
Protein Names	Recommended name: Acyl-[acyl-carrier-protein] desaturase 4, chloroplastic EC= 1.14.19.2 Alternative name(s): Stearoyl-ACP desaturase 4
Expression Region	71-418
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 of Mature 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



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