

Recombinant Full Length Arabidopsis Thaliana Dehydrolipichyl Diphosphate Synthase 1(Dps) Protein, His-Tagged

Cat. No. RFL30894AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Dehydrolipichyl diphosphate synthase 1(DPS) Protein (O80458) (1-303aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-303)
Form	Lyophilized powder
AA Sequence	MLSLLSSDSSLLSLLFLFLIPCLFITSYIGFPVFLKLIGLIKIKAARDNEKRDEGTYV R EDGLQRELMPRHVAFILDGNRRWAKRAGLTTSQGHEAGAKRLIDIAELCFELGVHTV SA FAFSTENWGRDKIEIDNLSLIQHYRNKSNIKFFHRSEVRVSVIGNKTKIPESLLKE IHE IEEATKGYKNKHLIMAVDYSKGKFDIMHACKSLVKKSEKGLIREEDVDEALIERELL TNCS DFPSPDLMIRTSGEQRISNFFLWQLAYSELFFSPVFWPDFDKDKLLEALASYQ RRERRFG CRV
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.
GENE INFORMATION	
Gene Name	DPS
Synonyms	DPS; ACPT; At2g23410; F26B6.6; Dehydrodolichyl diphosphate synthase 1; Dedol-PP synthase 1; Ditrans, polycis-polyprenyl diphosphate synthase; (2E,6E-farnesyl diphosphate specific 1
UniProt ID	O80458

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