

Recombinant Full Length Brassica Napus 1-Acyl-Sn-Glycerol-3-Phosphate Acyltransferase 1, Chloroplastic(Lpat1) Protein, His-Tagged

Cat. No. RFL20649BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Brassica napus 1-acyl-sn-glycerol-3-phosphate acyltransferase 1, chloroplastic(LPAT1) Protein (Q9LLY4) (88-344aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Brassica napus
Source	E.coli
ProteinLength	Full Length of Mature Protein (88-344)
Form	Lyophilized powder
AA Sequence	SDLSGAATPESTYPEPEIKLSSRLRGICFCLVAGISAILVIVLMIIGHPPFVLLFDRYRRK FHHFIAKLWASISIYPFYKTDIQGLENLPSSDTPCVVYSNHQSFLDIYTLLSLGQSYKFI SKTGIFVIPVIGWAMSMMGVVPLKRMDPRSQVDCLKRCMELVKKGASVFFFPEGTR SKDG RLGPFFKKGAFITAAKTGVPVVPITLMGTGKIMPTGSEGILNHGDVRVVIHKPIYG SKADV LCEEARNKIAESMNLLS
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	LPAT1
Synonyms	BAT2; ACT2; LPAT1; BnaA03g50320D; GSB RNA2T00067440001; 1-acyl-sn-glycerol-3-phosphate acyltransferase BAT2, chloroplastic; Lysophosphatidyl acyltransferase 1; Protein BRASSICA ACYLTRANSFERASE 2
UniProt ID	Q9LLY4