Recombinant Full Length Solanum Tuberosum Phosphatidate Cytidylyltransferase(Cds1) Protein, His-Tagged

Cat. No. RFL19914SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Solanum tuberosum Phosphatidate cytidylyltransferase(CDS1) Protein (O04940) (1-424aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Solanum tuberosum (Potato)
Source	E.coli
ProteinLength	Full Length (1-424)
Form	Lyophilized powder
AA Sequence	MHNDSNSGAPGTPSGRIRRRRGSNEVPPEVVKANGNHLLVNDRSKYKSMLIRAYSS VWMI GGFAFIIYMGHLYIWAMVVVIQIFMAKELFNLLRRAHEDRHLPGFRLLNWHFF FTAMLFV YGRMLSQRLVNTVTLDKFLYKLVGRFVKYHMVTCYFFYIAGFMWFILTLK KKMYKYQFSQ YAWTHMILIVVFTQSAFTVANIFEGIFWFLLPASLIVINDIAAYFFGFFF GRTPLIKLSP KKTWEGFIGASITTIISAFLLANMFGRFQWLTCPRKDLSTGWLDCDPG PLFKPEYFTLPE WFPAWFLSREIAVLPVQWHALLLGLFASIIAPFGGFFASGFKRAFK IKDFGDSIPGHGGM TDRMDCQMVMAVFAYIYHQSFIVPQNLSIEMILDQIILNLTFEE QLAVYKKLGQIIQERT FGES
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	for up to one week.
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	CDS1
Synonyms	CDS1; Phosphatidate cytidylyltransferase 1; CDP-DAG synthase; CDP-DG synthase; CDP-diacylglycerol synthase; CDS; CDP-diglyceride pyrophosphorylase; CDP-diglyceride synthase; CTP:phosphatidate cytidylyltransferase
UniProt ID	O04940

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