

# Recombinant Full Length Dictyostelium Discoideum Probable Phosphatidate Cytidylyltransferase(Cdsa) Protein, His-Tagged

Cat. No. RFL15542DF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length Dictyostelium discoideum Probable phosphatidate cytidylyltransferase(cdsA) Protein (Q55D90) (1-479aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Dictyostelium Discoideum

**Source** E.coli

**ProteinLength** Full Length (1-479)

**Form** Lyophilized powder

**AA Sequence**

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MRTDNIRNRKEQLKKQEKKDFDSSKDEETSTSDEEESSGGNRSKIAGKENHQKNII
NQK TNNNNNNNNNIKEKDIIDSSVNNADNLKATDPPSAKYKKLAIRSVMGAFMIGFFTI
VLSTD HFIVALFVIALQLLVFKEMIALRYIEAKEKKIPHFRTLNWFFLFTSFFFFYAKPILI
TLA NYYPDIFQHFVRYHLWHSFSLYCIGFVLFILTLRKGVYRYQFSQLTWLMILMMV
VVQSN FLISNIYQGLIWFILPVSIIVCNDIFAYFNGFFLGKKFINRPLMKISPNKTWEGFI
GATG WTL LFAYYFCGFLLYKDWIVCPKGNTGFMESLHCTRDPVFLEKEFIPPEITTI
AFKYLG ITLLPFTYIPIQFHALVLALFGSLIAPFGGFFASGIKRAYKVKDFDTIFPGHGG
VTDRTD CQFIMGLFIHVYYNTFIKLTLEIDPTFIWQNMMLSMEEKMVIYEKCLKQSIEFT
TGTITA
    
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**Purity** Greater than 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	cdsA
<b>Synonyms</b>	cdsA; DDB_G0269742; Probable phosphatidate cytidyltransferase; CDP-DAG synthase; CDP-DG synthase; CDP-diacylglycerol synthase; CDS; CDP-diglyceride pyrophosphorylase; CDP-diglyceride synthase; CTP:phosphatidate cytidyltransferase
<b>UniProt ID</b>	<a href="#">Q55D90</a>

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