

Recombinant Full Length Drosophila Melanogaster Phosphatidate Cytidylyltransferase, Photoreceptor-Specific(Cdsa) Protein, His-Tagged

Cat. No. RFL32995DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Drosophila melanogaster Phosphatidate cytidylyltransferase, photoreceptor-specific(CdsA) Protein (P56079) (1-447aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Drosophila melanogaster (Fruit fly)
Source	E.coli
ProteinLength	Full Length (1-447)
Form	Lyophilized powder
AA Sequence	MAEVRRRRKGEDEPLEDTAISGSDAANKRNSAADSSDHVDSEEEKIPEEKFVDELAK NLPQ GTDKTPEILDSALKDLPDRWKNWVIRGIFTWIMICGFALIYGGPLALMITLLV QVKCF QEIISIGYQVYRIHGLPWFRSLSWYFLLTSNYFFYGENLVDFGVVINRVEYL KFLVTYH RFLSFALYIIGFVWFVLSLVKKYYIKQFSLFAWTHVSLIVVTQSYLIIQNIFE GLIWFI VPVSMIVCNDVMAYVFGFFFGRTPLIKLSPKKTWEGFIGGGFATVLFGLFS YVLCNYQY FICPIQYSEEQGRMTMSCVPSYLFTPQEYSLKLFGIGKTLNLYPFIWHSI SLSLFFSSIIG PFGGFFASGFKRAFKIKDFGDMIPGHGGIMDRFDCQFLMATFVNVIYS SFIRTPSPAKLL TQIYNLKPQQYQIYQSLKDNLGDMILT
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C 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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	CdsA
Synonyms	Cds; CdsA; CG7962; Phosphatidate cytidylyltransferase, photoreceptor-specific; CDP-DAG synthase; CDP-DG synthase; CDP-diacylglycerol synthase; CDS; CDP-diglyceride pyrophosphorylase; CDP-diglyceride synthase; CTP:phosphatidate cytidylyltransferase
UniProt ID	P56079

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