

Recombinant Full Length *Erwinia Carotovora* Subsp. *Atroseptica* Cdp-Diacylglycerol--Glycerol-3-Phosphate 3-Phosphatidyltransferase(Pgsa) Protein, His-Tagged

Cat. No. RFL35890PF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Erwinia carotovora</i> subsp. <i>atroseptica</i> CDP-diacylglycerol-glycerol-3-phosphate 3-phosphatidyltransferase(pgsA) Protein (Q6D364) (2-182aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Pectobacterium atrosepticum</i>
Source	<i>E.coli</i>
ProteinLength	Full Length of Mature Protein (2-182)
Form	Lyophilized powder
AA Sequence	QFNIPTLLTLFRVALIPFFVLAFYLPFVWAPLLCALIFVFAAVTDWFDGFLARRWKQTT R FGAFDPVADKVMVAVALVVAEYYHSWWITLPAATMIAREIIISALREWMAEIGKR SSV AVSWIGKVKTTAQMMALFALLWRPERIVEGIGVAALYIAAVLTFWSMFQYLNAA RHDLE P
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.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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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 pgsA

Synonyms pgsA; ECA2880; CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase; Phosphatidylglycerophosphate synthase; PGP synthase

UniProt ID [Q6D364](#)

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