

Recombinant Full Length Putative Phosphatidylcholine:Ceramide Cholinephosphotransferase 1(Sms-1) Protein, His-Tagged

Cat. No. RFL21713CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Putative phosphatidylcholine:ceramide cholinephosphotransferase 1(sms-1) Protein (Q9U3D4) (1-469aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Caenorhabditis elegans
Source	E.coli
ProteinLength	Full Length (1-469)
Form	Lyophilized powder
AA Sequence	MSVTVEVADEETHDVPLVEQVRTTPDQNVQVQENNVTTKIGPKLETIPAAKMQ DDNG DEEKAENSEGAAAEKVEKQHDDDGVVVHEETDGVASSRSSHHDKQKPGET KKSGDGKMDD DDIITTARSSSRICGSAASSSDSETADDAPLLPDEGPSHAVRLEM PGDKPASPHDRFPK TPLKTLVAFLMLVVAAGNTITLSWIHERYPLTPPLPDIVFELIP KIPWGLRLCENLMIG SFVSLLVILFHRHRWIVLRRLCFIGSILYGMRCITMMVTPVPK ADEDFECSPRFGENAT FSLIVMRGVWSMFGGLNLFDNQKVVLCDYIYSGHTLVL VVSALFIGEYSPRRFYILHW LSWLVCSVGIVFLVLSHGHTIDVILSYFACTRVFWAY HTQAAHPSIRLSVQNHQAKEFW FPLLRFEGDIRRPVPRRFDCPISYSQVCNAFRR VRPRGRNGAARPAFE
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	sms-1
Synonyms	sms-1; H21P03.3; Phosphatidylcholine:ceramide cholinephosphotransferase 1; PC:ceramide cholinephosphotransferase 1; Sphingomyelin synthase 1; CSS3alpha1; SMS-1
UniProt ID	Q9U3D4

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