

Recombinant Full Length Rat Sn1-Specific Diacylglycerol Lipase Beta(Daglb) Protein, His-Tagged

Cat. No. RFL31219RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Sn1-specific diacylglycerol lipase beta(Daglb) Protein (P0C1S9) (1-668aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-668)
Form	Lyophilized powder
AA Sequence	MPGMVLFGRRWSLASDDLVPFGSFELFLRVLWWIASLTLYLMHRRKLDCPGGVLLS TYLI VLLVLLAVIIGIVLAIVCVSMRGTCNPGPRKSMKLLYIRLALFLPEMVWASLGA AWVA KGIQCDRTVVIGIATVIVSWIVIAATMTIVFVFDPLGGKMAPYPPCIPEHLDS NSSNH LLTGLRTAAKSVWETRVQCCCCIGQDDNTRVAFSSTADLFSTYFSDTDLV PSDIAAGFT LLHQQQDKISHSREPSEVVTHTPGQPQETELDAEVENCHHYMPFSPV CSPWPVCVLNSSR VELCRTGNNFCRGRDIEYDAVEGDEHHCHFASILKTTGLQYR DFIHVSFHDKVYELPFIV VLDHRKESVVAVRGTMQLQDVLTDLAASENLELDIELQ DCVAHKGIAQAARYIYRRLV NDGILSQAFSVAPEYRLVVVGHS LGAGAAALLAIMLR GAYPQVRAYAFSPPRGLLSKSLF EYSKDFVVSILGMDVIPRLSVANMEDLKRRILR VIANCNPKYKILLHGCWYSVFGGSP DNFPTTELDEGNQGALTQPLLGEQTLTRCS PGYCSGDSPLDSPKYPTLYPPGRIIHL EEE GGSGRFGCCSAAQYRARWAHETFS KILIGPKMLIDHMPDVMIRALDRVVADRTACVSCP GQGGSNVP

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	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 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	Daglb
Synonyms	Daglb; Diacylglycerol lipase-beta; DAGL-beta; DGL-beta; PUFA-specific triacylglycerol lipase; Sn1-specific diacylglycerol lipase beta
UniProt ID	P0C1S9

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