

Cat. No. RFL4134MF Lot. No. (See product label)

Product Overview	Recombinant Full Length Mycobacterium avium Prolipoprotein diacylglyceryl transferase(Igt) Protein (A0QHG7) (1-440aa), fused to N-terminal His tag, was expressed in E. coli.
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Source	E.coli
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ProteinLength	Full Length (1-440)
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Form	Lyophilized powder
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AA Sequence	AA
MTKLLAYFPSPQGVWHLGPVPIRAYALFIIAGIVAALLIGDRRWEARGGERGVIYDIA	Met
L WTVPFGLVGGRLYHLATDWRTYWGPGGAGFGAAVRIWDGGLGIWGAVALGAVG	Leu
AWIGCRR HGIPLPAFADALAPGIILAQAIGRLGNYFNQELYGRETTLPWGLEIFYRRD	Trp
PSGYIDPHS LDGVSTGQVALVVQPTFLYELLWNLLIFVALLYADRRRLTLGHGRLFALY	Pro
VAGYCVGRFCV ELLRDDTATHIAGIRINSFTSTFVFIGAVVYLMAAPKGREDPESLRG	Val
NQYVEEEPAEPEP ATVAATTEAATEGVAAPADGAEAAGADATAQRPEESAEPDVE	Asn
KPESEETEAEAAEEPESE ETEAAEEPGEPEAAEPEEPEAAEPEEPETEEPEADSDE	Lys
EPEEESGEAPEQPVAEEPEPAP QOPETKRRWGARLRDRLSGR	Glu

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	lgt
Synonyms	lgt; MAV_3172; Phosphatidylglycerol--prolipoprotein diacylglyceryl transferase
UniProt ID	A0QHG7

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