Recombinant Full Length Rat Alpha-1,6-Mannosylglycoprotein 6-Beta-N-Acetylglucosaminyltransferase A(Mgat5) Protein, Tag-Free

Cat. No. RFL25525RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A(Mgat5) Protein (Q08834) (1-740aa) was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-740)
Form	Lyophilized powder
AA Sequence	MAFFSPWKLSSQKLGFFLVTFGFIWGMMLLHFTIQQRTQPESSSMLREQILDLSKRY IKALAEENRNVVDGPYAGVMTAYDLKKTLAVLLDNILQRIGKLESKVDNLVNGTGANS TNSTTAVPSLVSLEKINVADIINGVQEKCVLPPMDGYPHCEGKIKWMKDMWRSDPC YADYGVDGTSCSFFIYLSEVENWCPRLPWRAKNPYEEADHNSLAEIRTDFNILYGM MKKHEEFRWMRLRIRRMADAWIQAIKSLAEKQNLEKRKRKKILVHLGLLTKESGFKIA ETAFSGGPLGELVQWSDLITSLYLLGHDIRISASLAELKEIMKKVVGNRSGCPTVGDR IVELIYIDIVGLAQFKKTLGPSWVHYQCMLRVLDSFGTEPEFNHASYAQSKGHKTPW GKWNLNPQQFYTMFPHTPDNSFLGFVVEQHLNSSDIHHINEIKRQNQSLVYGKVDS FWKNKKIYLDIIHTYMEVHATVYGSSTKNIPSYVKNHGILSGRDLQFLLRETKLFVGLG FPYEGPAPLEAIANGCAFLNPKFNPPKSSKNTDFFIGKPTLRELTSQHPYAEVFIGRP

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	HVWTVDLNNREEVEDAVKAILNQKIEPYMPYEFTCEGMLQRINAFIEKQDFCHGQVM WPPLSALQVKLAEPGQSCKQVCQESQLICEPSFFQHLNKEKDLLKYKVICQSSELYK DILVPSFYPKSKHCVFQGDLLLFSCAGAHPTHQRICPCRDFIKGQVALCKDCL Note: The complete sequence including tag sequence, target protein sequence and linker s equence could be provided upon request.
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Mgat5
Synonyms	Mgat5Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A; EC 2.4.1.155; Alpha-mannoside beta-1,6-N-acetylglucosaminyltransferase; GlcNAc-T V; GNT-V; Mannoside acetylglucosaminyltransferase 5; N-acetylglucosaminyl-

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UniProt ID	Q08834

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