Recombinant Full Length Bovine Alpha-1,3-Mannosyl-Glycoprotein 4-Beta-N-Acetylglucosaminyltransferase A(Mgat4A) Protein, His-Tagged

Cat. No. RFL6902BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bovine Alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase A(MGAT4A) Protein (O77836) (1-535aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bovine
Source	E.coli
ProteinLength	Full Length (1-535)
Form	Lyophilized powder
AA Sequence	MRLRNGTVATVLAFITSFLTLSWYTTWQNGKEKVIAYQREFLALKERLRIAEHRISQR SSELSAIVQQFKRVEAETNRSKDPVNKFSDDTLKILKELTSKKSLQVPSIYYHLPHLLQ NEGSLQPAVQIGNGRTGVSIVMGIPTVKREVKSYLIETLHSLIDNLYPEEKLDCVIVVFI GETDTDYVNGVVANLEKEFSKEISSGLVEIISPPESYYPDLTNLKETFGDSKERVRWR TKQNLDYCFLMMYAQEKGTYYIQLEDDIIVKQNYFNTIKNFALQLSSEEWMILEFSQL GFIGKMFQAPDLTLIVEFIFMFYKEKPIDWLLDHILWVKVCNPEKDAKHCDRQKANLR IRFRPSLFQHVGLHSSLTGKIQKLTDKDYMKPLLLKIHVNPPAEVSTSLKVYQGHTLE KTYMGEDFFWAITPVAGDYILFKFDKPVNVESYLFHSGNQDHPGDILLNTTVEVLPLK SEGLDISKETKDKRLEDGYFRIGKFENGVAEGMVDPSLNPISAFRLSVIQNSAVWAIL NEIHIKKVTN

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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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	MGAT4A
Synonyms	MGAT4A; Alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase A; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase IVa; GlcNAc-T IVa; GnT-IVa; N-acetylglucosaminyltransferase IVa; UDP-N-acetylglucosamine: alpha-1,3-D
UniProt ID	O77836

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