Recombinant Full Length Pig Alpha-1,6-Mannosyl-Glycoprotein 2-Beta-N-Acetylglucosaminyltransferase(Mgat2) Protein, His-Tagged

Cat. No. RFL4819SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pig Alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase(MGAT2) Protein (O19071) (1-446aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Sus scrofa (Pig)
Source	E.coli
ProteinLength	Full Length (1-446)
Form	Lyophilized powder
AA Sequence	MRFRIYKRKVLILTFVVAACGFVLWSSNGRQRKNEALAPPLLDAEPVRGAGARAGD HPAISVGIRRGSNDSAAPLVAAAPQPEVDNLTLRYRSLVYQLNFDQTLRNVDKVSSW VPRELVLVVQVHNRAEYLKLLLDSLRKAQGIDNVLVIFSHDFWSTEINQLIAGVDFCP VLQVFFPFSIQLYPNEFPGTDPRDCPRDLEKNAALKMGCINAEYPDSFGHYREAKFS QTKHHWWWKLHFVWERVKVLRDYAGLILFLEEDHYVAPDFYHVFKKMWNLKQQEC PECDVLSLGTYTTVRSFRDVADKVDVKTWKSTEHNMGLALTRDAYQKLIECTDTFCT YDDYNWDWTLQYLTVSCLPKFWKVLVPQVPRIFHAGDCGMHHKKTCRPSTQSAQI ESLLNSNKQYMFPETLTISEKLTAALSPPRKNGGWGDIRDHELCKSYRRLQ
Purity	Greater than 90% as determined by SDS-PAGE.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	MGAT2
Synonyms	MGAT2; GNT2; Alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase; Beta-1,2-N-acetylglucosaminyltransferase II; GlcNAc-T II; GNT-II; Mannoside acetylglucosaminyltransferase 2; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminylt
UniProt ID	O19071

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