

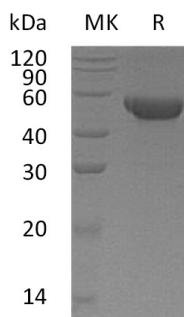
Product Name: Recombinant Human MGAT2 (C-6His)
Catalog #: PHH1158



概述 (Summary)

英文全称	MGAT2/Mannoside acetylglucosaminyltransferase 2
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Mannoside Acetylglucosaminyltransferase 2 is produced by our Mammalian expression system and the target gene encoding Arg30-Gln447 is expressed with a 6His tag at the C-terminus.
Accession #	Q10469
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	49.3 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

分子别名 (Alternative Names)	Alpha-1,6-Mannosyl-Glycoprotein	2-Beta-N-Acetylglucosaminyltransferase;
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背景介绍 (References)

Beta-1;2-N-acetylglucosaminyltransferase II; GlcNAc-T II; NT-II; Mannoside Acetylglucosaminyltransferase 2; N-Glycosyl-Oligosaccharide-Glycoprotein N-Acetylglucosaminyltransferase II; MGAT2

Mannoside Acetylglucosaminyltransferase 2 (MGAT2) is a single-pass type II membrane protein that contains the typical glycosyltransferase domains: a short N-terminal cytoplasmic domain, a hydrophobic non-cleavable signal-anchor domain and a C-terminal catalytic domain. MGAT2 catalyzes an essential step in the conversion of oligo-mannose to complex N-glycans. Defects in MGAT2 are the cause of congenital disorder of glycosylation type 2A.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.