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Recombinant Human MGAT5 / GGNT5 Protein (His tag)

产品货号: TP07847

第三版

别名:GNT-V;GNT-VA

**描述:**Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A, also known as Alpha-mannoside beta-1,6-N-acetylglucosaminyl-transferase, Mannoside acetylglucosaminyltransferase 5, N-acetylglucosaminyl-transferase V, MGAT5 and GGNT5, is a single-pass type I I membrane protein which belongs to the glycosyltransferase 18 family. MGAT5 / GGNT5 catalyzes the addition of N-acetylglucosamine in beta 1-6 linkage to the alpha-linked mannose of biantennary N-linked oligosaccharides. It is one of the most important enzymes involved in the regulation of the biosynthesis of glycoprotein oligosaccharides. The central nervous system (CNS) is rich in glycoconjugates, located on cell surface and in extracellular matrix. MGAT5 / GGNT5 modification of complex-type N-glycans on CNS glycoproteins is involved in the regulation of depression-like behavior. Inhibitors of MGAT5 / GGNT5 might be useful in the treatment of malignancies by targeting their dependency on focal adhesion signaling for growth and metastasis.

**配方:**PBS

**分子量:**65 kDa

**序列:**Leu 189-Leu 741

**纯度:**> 95% by HPLC

**浓度:**

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.