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MGAT2, 30-447aa Human, His tag, E.coli

产品货号: TP02963

第三版

别名: Mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase , CDGS2, GLCNACTII, GNT-II, GNT2

描述: MGAT2 is a golgi enzyme catalyzing an essential step in the conversion of oligomannose to complex N-glycans. The enzyme has the typical glycosyltransferase domains: a short N-terminal cytoplasmic domain, a hydrophobic non-cleavable signal-anchor domain, and a C-terminal catalytic domain. Mutations in this gene may lead to carbohydrate-deficient glycoprotein syndrome, type II. Transcript variants with a spliced 5' UTR may exist, but their biological validity has not been determined. Recombinant human MGAT2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 50 kDa (439aa)

序列:

MGSSHHHHHSSGLVPRGSHMRQRKNEALAPLLDAEPARGAGGRGGDHPSVAVGIRRVSNVSAASLVPAVPQPEADN
LTLRYRSLVYQLNFDQTLRNVDKAGTWAPRELVLVVQVHNRPEYLRLLLDLSRKAQGIDNVLVIFSHDFWSTEINQLIAGV
NFCPVLQVFFPFSIQLYPNEFPDSDPRDCPRDLPKNAALKLGCINAEPDSFGHYREAKFSQTKHHWWWKLFVWERVKI
LRDYAGLILFLEEDHYLAPDFYHVFKKMWKLKQECPECDVLSLGTYSASRSFYGMADKVDVKTWKSTEHNMGLALTRN
AYQKLIECTDTFCTYDDYNWDWTLQYLTVSCLPKFWKVLVPQIPRIFHAGDCGMHHKKTCPSTQSAQIESLLNNNKQY
MFPETLTISEKFTVVAISPPRKNGGWGDIRDHELCKSYRRLQ

纯度: > 95% by HPLC

浓度: 1.0 mg/ml (determined by Bradford assay)

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.