

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

UGT8, 21-541aa, Human, His tag, E.coli

产品货号: TP04423

第三版

别名:UDP glycosyltransferase 8, CGT, UGT4

描述:UDP glycosyltransferase 8, also known as UGT8, catalyzes the transfer of galactose to ceramide, a key enzymatic step in the biosynthesis of galactocerebrosides, which are abundant sphingolipids of the myelin membrane of the central nervous system and peripheral nervous system. Recombinant human UGT8 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

分子量:61.6 kDa (544aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSAKIIIVPPIMFESHMYIFKTLASALHERGHHTVFLLEGRDIAPSNHYSLQRYPGIFNS  
TTSDAFLQSKMRNIFSGRLTAIELFDILDHYTKNCDLMVGNHALIQGLKKEKFDLLLVDPNMCGFVIAHLLGVKYAVFST  
GLWYPAEVGAPAPLAYVPEFNLLTDRMNLLQRMKNTGVYLISRLGVSFLVLPKYERIMQKYNLLPEKSMYDLVHGSSLW  
MLCTDVALEFPRPTLPNVVYVGGILTKPASPLPEDLQRWVNGANEHGFVLVSFGAGVKYLSEDIANKLAGALGRLPQKVI  
WRFSGPKPKNLGNNTKLIEWLPQNDLLGHSKIKAFSLHGGLNSIFETMYHGVPVVGIPFGDHYDTMTRVQAKGMGILLE  
WKTVTEKELYEALVKVINNPSYRQRAQKLSEIHKDQPGHPVNRTIYWIDYIIRHNGAHLRAAVHQISFCQYFLLDIAFVL  
LLGAALLYFLLSWVTKFIYRKIKSLWSRNKHSTVNGHYHNGILNGKYKRNGHIKHEKKVK

纯度:> 95% by HPLC

浓度:1mg/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.