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Recombinant Human B3GNT2 Protein (Fc tag)

产品货号: TP07067

第三版

别名:B3GN-T2;B3GNT;B3GNT-2;B3GNT1;BETA3GNT;BGnT-2;BGNT2

**描述:**B3GNT2 belongs to the beta-1,3-N-acetylglucosaminyltransferase family. It is a type II transmembrane protein which prefers the substrate of lacto-N-neotetraose. Alternative splicing produced 2 isoforms of the human protein. B3GNT2 catalyzes the initiation and elongation of poly-N- acetyllactosamine chains. Enzymatic activities of some glycosyltransferases are markedly increased via complex formation with other transferases or cofactor proteins. B3GNT2 and beta3Gn-T8 can form a heterodimer in vitro and that the complex exhibits much higher enzymatic activity than either enzyme alone. It is found that up-regulation of beta3Gn-T8 in differentiated HL-60 cells may increases poly-N-acetyllactosamine chains by activating intrinsic B3GNT2.

**配方:**PBS

**分子量:**71.2 kDa

**序列:**Lys29-Cys397

**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.