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ST6GAL1, 27-406aa, Human, His tag, E.coli

产品货号: TP04046

第三版

别名: Beta-galactoside alpha-2,6-sialyltransferase 1 isoform a, SIAT1, ST6GalI, ST6N

描述: ST6GAL1 also known as Beta-galactoside alpha-2,6-sialyltransferase isoform a, is a member of glycosyltransferase family 29. This protein is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. ST6GAL1, which is normally found in the Golgi but can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, CD75, and CD76. Recombinant human ST6GAL1, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

分子量: 46kDa (403aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSKEKKKGSYYDSFKLQTKFQVLKSLGKLAMGSDSQSVSSSTQDPHRGRQTLGSLRG  
LAKAKPEASFQVWNKDSSSKNLIPRLQKIWKNYLSMNKYKVSYKGGPGIKFSAEALRCHLRDHVNVSMVEVTDFFPNTS  
EWEGYLPKESIRTKAGPWGRCAVVSSAGSLKSSQLGREIDDHDAVLRFNAGAPTANFQQDVGTKTTIRLMNSQLVTTEKRF  
LKDSLNEGILIVWDPVYHSDIPKWYQNPDYNNFFNNYKTYRKLHPNQPFYILKPQMPWELWDILQEISPEEIQPNPPSSGM  
LGIIIMMTLCDQVDIYEFPSKRKTDVCYYYQKFFDSACTMGAYHPLLYEKNLVKHLNQGTDEDIYLLGKATLPGFRTIHC

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.