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ST6GAL1, 27-406aa, Human, His tag, Baculovirus

产品货号: TP04045

第三版

别名: Beta-galactoside alpha-2,6-sialyltransferase 1, ST6GAL1, SIAT1, ST6GalI, ST6N

描述: ST6GAL1, also known as beta-galactoside alpha-2,6-sialyltransferase 1, is a type II membrane protein localized in the trans-Golgi network and catalyzes 2,6-sialylation of Gal beta 1,4-GlcNAc structures on N-glycans. It is highly expressed in the liver and also expressed in most other tissues to some extent. Its deficiency causes abnormalities in B cell immunoreactivity. Recombinant human ST6GAL1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 44.6kDa (389aa), 40-57kDa (SDS-PAGE under reducing conditions)

序列:

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ADPKEKKKGSYYDSFKLQTKFQVLKSLGKLAMGSDSQSVSSSTQDPHRGRQTLGSLRGLAKAKPEASFQVWNKDSSSKN
LIPRLQKIWKNYLSMNKYKVSYKGP GPGIKFSAEALRCHLRDHVNVSMVEVTDFFNTSEWEGYLPKESIRTKAGPWGRC
AVVSSAGSLKSSQLGREIDDHDAVLRFN GAPTANFQQDVGTKTTIRLMNSQLVTTEKRFLKDSLYNEGILIVWDPVYHSD
IPKWYQNP DYNFFN NYKTYRKLHPNQPFYILKQMPWELWDILQEISPEEIQPNPPSSGMLGIIIMMTLCDQVDIYEFLPSK
RKTDVCYYYQKFFDSACTMGAYHPLLYEKNLVKHLNQGTDEDIYLLGKATLPGFRTIHCHHHHHH
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纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

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.