

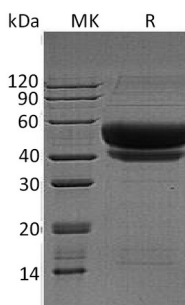
Product Name: Recombinant Human ST6GAL1 (C-6His)
Catalog #: PHH1562



概述 (Summary)

英文全称	ST6 Gal Sialyltransferase 1/ST6GAL1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Beta-Galactoside Alpha-2,6-Sialyltransferase 1 is produced by our Mammalian expression system and the target gene encoding Lys27-Cys406 is expressed with a 6His tag at the C-terminus.
Accession #	P15907
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	44.6 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

分子别名 (Alternative Names) Beta-Galactoside Alpha-2; 6-Sialyltransferase 1; Alpha 2;6-ST 1; B-Cell

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背景介绍 (References)

Antigen CD75; CMP-N-Acetylneuraminate-Beta-Galactosamide-Alpha-2; 6-Sialyltransferase 1; ST6Gal I; ST6Gal; Sialyltransferase 1; ST6GAL1; SIAT1

The ST6GAL1 gene encodes β -Galactosamide α -2,6-Sialyltransferase 1. It is a type II membrane protein and is localized to the trans-Golgi network. It catalyzes 2,6-sialylation of Gal β 1,4-GlcNAc structures on N-glycans. ST6GAL1 is highly expressed in the liver and other tissues. ST6GAL1 deficiency causes abnormalities in B-cell immunoreactivity. The expression and activity of ST6GAL1 are associated with tumor metastasis in breast and colon cancers. The majority of ST6GAL1 in the liver is cleaved and secreted into the serum and may be used as a biomarker for hepatitis diseases.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.