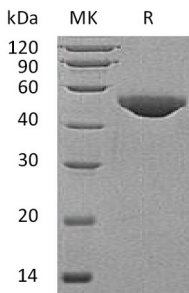


概述 (Summary)

英文全称	B3GNT1/ β -1,3-N-acetylglucosaminyltransferase 1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/ μ g as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human N-Acetylglucosaminide Beta-1,3-N-Acetylglucosaminyltransferase is produced by our Mammalian expression system and the target gene encoding Asp43-Cys415 is expressed with a 6His tag at the C-terminus.
Accession #	O43505
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	43.4 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μ m filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human B3GNT1 (C-6His)
Catalog #: PHH0118



背景 (Background)

分子别名 (Alternative Names)	N-Acetyllactosaminide Beta-1; 3-N-Acetylglucosaminyltransferase; I-Beta-1; 3-N-Acetylglucosaminyltransferase; iGnT; Poly-N-Acetyllactosamine Extension Enzyme; UDP-GlcNAc:BetaGal Beta-1; 3-N-Acetylglucosaminyltransferase 1; B3GNT1; B3GNT6
背景介绍 (References)	N-Acetyllactosaminide β -1,3-N-Acetylglucosaminyltransferase (B3GNT1) is a member of the β -1,3-N-Acetylglucosaminyltransferase family. B3GNT1 is a single-pass type II membrane protein and widely expressed in many tissues. B3GNT1 can initiate the synthesis or the elongation of the linear poly-N-acetyllactosaminoglycans. B3GNT1 is essential for the synthesis of poly-N-acetyllactosamine, a determinant for the blood group i antigen. It can initiate the synthesis or the elongation of the linear poly-N-acetyllactosaminoglycans.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.