Recombinant Fucosyltransferase 5 (FUT5)(N-6His)

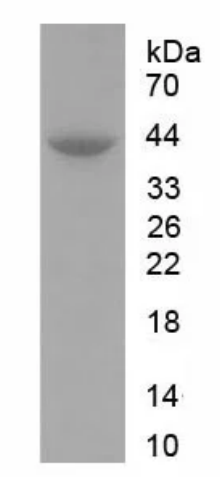
Catalog#:PEH22605

概述（Summary）

别称（Alternative Names）	FUC-TV; Galactoside 3-L-fucosyltransferase; Alpha-(1,3)-fucosyltransferase 5
纯度（Purity）	Greater than 90% as determined by reducing SDS-PAGE.
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	6His-【Arg35-Thr374】
Accession #	Q11128
表达宿主（Host）	E.coli
种属（Species）	Homo sapiens (Human)
预测分子量（Predicted MW）	40.4 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
背景介绍（References）	Catalyzes preferentially the transfer of L-fucose, from a guanosine diphosphate-beta-L-fucose, to the N-acetyl-beta-D-glucosamine (GlcNAc) of an N-acetyllactosamine unit (type 2 chain) of an oligosacccharide, or a glycoprotein- and a glycolipid-linked N-acetyllactosamine unit via an alpha (1,3) linkage and participates in the surface espression of VIM-2, Lewis X/SSEA-1 and sialyl Lewis X antigens. Preferentially transfers fucose to the GlcNAc of an internal N-acetyllactosamine unit of a poly-N-acetyllactosamine chain acceptor substrate. Also catalyzes to a lesser extend the transfer of L-fucose to the GlcNAc of a type 1 (beta-D-galactosyl-(1->3)-N-acetyl-beta-D-glucosaminyl) or H-type 1 (alpha-L-

Fuc-(1->2)-beta-D-Gal-(1->3)-D-GlcNAc) chain oligosacccharide via an alpha (1,4) linkage. Preferentially catalyzes sialylated type 2 oligosacccharide acceptors over neutral type 2 or H type 2 (alpha-L-Fuc-(1->2)-beta-D-Gal-(1->4)-D-GlcNAc) oligosacccharide acceptors. Lactose-based structures are also acceptor substrates.

电泳图（SDS-PAGE image）



Greater than 90% as determined by reducing SDS-PAGE.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.