Recombinant Fucosyltransferase 6 (FUT6)(N-6His)

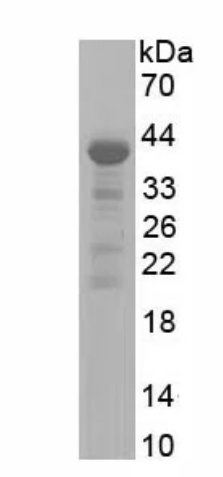
Catalog#:PEH22606

概述（Summary）

别称（Alternative Names）	FT1A; FCT3A; FucT-VI; Alpha-(1,3)-Fucosyltransferase; Galactoside 3-L-Fucosyltransferase
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-Thr359】
Accession #	P51993
表达宿主（Host）	E.coli
种属（Species）	Homo sapiens (Human)
预测分子量（Predicted MW）	41.6 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 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
背景介绍（References）	Catalyzes the transfer of L-fucose, from a guanosine diphosphate-beta-L-fucose, to the N-acetyl glucosamine (GlcNAc) of a distal alpha2,3 sialylated lactosamine unit of a glycoprotein- or a glycolipid-linked sialopolylactosamines chain or of a distal or internal lactosamine unit of a neutral glycoprotein- or a glycolipid-linked polylactosamines chain through an alpha-1,3 glycosidic linkage and participates in surface expression of the sialyl Lewis X (sLe(x)), Lewis X (Le(x)) and non sialylated VIM2 determinants. Moreover transfers fucose to H-type 2 (Fucalpha1-2Galbeta1-4GlcNAc) chain acceptor substrates and participates in difucosylated

sialyl Lewis x determinants. Also fucosylates a polylactosamine substrate having a 6 sulfate modification at the GlcNAc moiety and gives rise to sialyl and non-sialyl 6-sulfo lewis X. Does not have activity towards type 1 ((Galbeta1-3GlcNAc)) and H-type 1 chain (Fucalpha1-2Galbeta1-3GlcNAc) acceptors substrates.; Does not have alpha(1,3)-fucosyltransferase activity.

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.