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32-2335: FUT7 Recombinant Protein

Alternative Name :	Fucosyltransferase 7 (Alpha (1,3) Fucosyltransferase),Fucosyltransferase VII,Galactoside 3-L-Fucosyltransferase,Selectin Ligand Synthase,FucT-VII,Fuc-TVII,FUT7,Alpha-(1,3)-Fucosyltransferase 7,Selectin-Ligand Synthase,EC 2.4.1.-,Fuc-TVII,F

Description

Source : Escherichia Coli. FUT7 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 329 amino acids (37-342) and having a molecular mass of 37.9kDa.FUT7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Fucosyltransferase 7 (FUT7) is a golgi stack membrane protein which is involved in the creation of sialyl-Lewis X antigens. The FUT7 protein leads the synthesis of the E-selectin-binding sialyl-Lewis X moiety. FUT7 catalyzes alpha-1,3 glycosidic linkages involved in the expression of sialyl Lewis X antigens.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The FUT7 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSPRGTPAP QPTITILVWH WPFTDQPPEL PSDTCTRYGI ARCHLSANRS LLASADAVVF HHRELQTRRS HLPLAQRPRG QPWVWASMES PSHTHGLSHL RGIFNWVLSY RRDSDIFVPY GRLEPHWGPS PPLPAKSRVA AWVVSNFQER QLRARLYRQL APHLRVDVFG RANGRPLCAS CLVPTVAQYR FYLSFENSQH RDYITEKFWR NALVAGTVPV VLGPPRATYE AFVPADAFVH VDDFGSAREL AAFLTGMNES RYQRFFAWRD RLRVRLFTDW RERFCAICDR YPHLPRSQVY EDLEGWFQA.

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