

Fucosyltransferase 7 Human Recombinant

Item Number	rAP-2032
Synonyms	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, Fucosy
Description	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.
Uniprot Accession Number	Q11130
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSPRGTPAP QPTITLVWH WPFTDQPPPEL PSDTCTRYGI ARCHLSANRS LLASADAVVF HHRELQTRRS HLPLAQRPRG QPWWWASMES PSHTHGLSHL RGIFNWVLSY RRDSDIFVPY GRLEPHWGPS PPLPAKSRVA AWWVSNFQER QLRARLYRQL APHLRVDVFG RANGRPLCAS CLVPTVAQYR FYLSFENSQH RDYITEKFWR NALVAGTVPV VLGP- PRATYE AFVPADAFVH VDDFGSAREL AAFLTGMNES RYQRFFAWRD RLRVRLFTDW RERFCAICDR YPHLPRSQVY EDLEGWFQA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The FUT7 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**