

Fucosyltransferase 3 Human Recombinant

Item Number	rAP-1417
Synonyms	Galactoside 3(4)-L-fucosyltransferase, Blood group Lewis alpha-4-fucosyltransferase, Lewis FT, Fucosyltransferase 3, Fucosyltransferase III, FucT-III, FUT3, FT3B, LE, CD174, Les.
Description	FUT3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 350 amino acids (35-361 a.a) and having a molecular mass of 40.6kDa.FUT3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P21217
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSRVSRDDA TGSPRAPSGS SRQDTTPTRP TLLILLWTWP FHIPVALSRC SEMVPGTADC HITADRVKYP QADTVIVHHW DIMSNPKSRL PPSRPQGQR WIWFNLEPPP NCQHLEALDR YFNLTMSYRS DSDIFTPYGW LEPWVGQPAH PPLNLSAKTE LVAWAVSNWK PDSARVRYQ SLQAHLKVDV YGRSHKPLPK GTMMETLSRY KFYLAFENSL HPDY- ITEKLW RNALAWAVP VVLGPSRSNY ERFLPPDAFI HVDDFQSPKD LARYLQELDK DHARYLSYFR WRETLRPRSF SWALDFCKAC WKLQQESRYQ TVRSIAAWFT.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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 FUT3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 80% 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**