

Fucosyltransferase 3 Recombinant Protein | FUT3 recombinant protein

Recombinant Human Fucosyltransferase 3

CATALOG # AAA39043	HOST E Coli
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PRODUCT SYNONYMS

Fucosyltransferase 3; Recombinant Human Fucosyltransferase 3; FUT3 Human; Fucosyltransferase 3 Human Recombinant; Galactoside 3(4)-L-fucosyltransferase; Blood group Lewis alpha-4-fucosyltransferase; Lewis FT; Fucosyltransferase III; FucT-III; FUT3; FT3B; LE; CD174; Les; FUT3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 80% as determined by SDS-PAGE.
Form/Format	The FUT3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Sterile Filtered clear solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGS RVSRRDATGS PRAPSGSSRQ DTTPTTRPTLL ILLWTWPFHI PVALSRCSEM VPGTADCHIT ADRKVYPQAD TVIVHHWDIM SNPKSRLPPS PRPQGQRWIW FNLEPPPNQC HLEALDRYFN LTMSYRSDSD IFTPYGWLEP WSGQPAHPPL NLSAKTELVA WAVSNWKPDS ARVRYYSLSQ AHLKVDVYGR SHKPLPKGTM METLSRYKFY LAFENSLHPD YITEKLWRNA LEAWAVPVVL GPSRSNYERF LPPDAFIHVD DFQSPKDLAR YLQELDKDHA RYLSYFRWRE TLRPRSFSWA LDFCKACWKL QQESRYQTVR SIAAWFT. u>
Sequence Length	361

ADDITIONAL INFORMATION

Related Product Information for FUT3 recombinant protein	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. Introduction: Fucosyltransferase 3 (FUT3) catalyzes alpha-1, 3 and alpha-1, 4 glycosidic linkages which take part in the expression of Vim-2, Lewis A, Lewis B, sialyl Lewis X and Lewis X/SSEA-1 antigens. FUT3 takes part in blood group Lewis determination; Lewis-positive (Le+) individuals have an active enzyme while Lewis-negative (Le-) individuals have an inactive enzyme. FUT3 also operates on the corresponding 1, 4-galactosyl derivative, creating1, 3-L-fucosyl links.
Product Categories/Family for FUT3 recombinant protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503809
NCBI GeneID	2525
NCBI Accession #	NP_000140.1
NCBI GenBank Nucleotide #	NM_000149.3
UniProt Accession #	P21217 ; Q32NE7 ; Q99448 ; Q99449 ; B5U7U9 ; B5U7V0
Molecular Weight	42,117 Da
NCBI Official Full Name	galactoside 3(4)-L-fucosyltransferase

NCBI Official Synonym Full Names	fucosyltransferase 3 (galactoside 3(4)-L-fucosyltransferase, Lewis blood group)
NCBI Official Symbol	FUT3
NCBI Official Synonym Symbols	LE; Les; FT3B; CD174; FucT-III
NCBI Protein Information	galactoside 3(4)-L-fucosyltransferase; galactoside 3(4)-L-fucosyltransferase; Lewis FT; alpha-(1,3/1,4)-fucosyltransferase; blood group Lewis alpha-4-fucosyltransferase; fucosyltransferase III
UniProt Protein Name	Galactoside 3(4)-L-fucosyltransferase
UniProt Gene Name	FUT3
UniProt Synonym Gene Names	FT3B; LE; Lewis FT; FucT-III
UniProt Entry Name	FUT3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fut3-recombinant-protein-e-coli/39043>