

FUT7,37-342aa, Human, His tag, E.coli

Cat.NO.: TP02165

3th Edition

Synonyms:Fucosyltransferase 7 (alpha (1,3) fucosyltransferase), FucT-VII

Description:FUT7 is a golgi stack membrane protein that is involved in the creation of sialyl-Lewis X antigens. This protein can direct the synthesis of the E-selectin-binding sialyl-Lewis X moiety. Recombinant human FUT7 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:37.9 kDa (329aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSPRGTPAPQPTITILVWHWPFTDQPPELPSDTCTRYGIARCHLSANRSLASA
DAVVFHHRELQTRRSHLPLAQRPRGQPWWASMEPSHTHGLSHLRGIFNWVLSYRRDSDIFVPYGRLEPHWGP
SPPLPAKSRVAAWVVSNFQERQLRARLYRQLAPHLRVDVFGGRANGRPLCASCLVPTVAQYRFYLSFENSQHRDYI
TEKFWRNALVAGTVPVVLGPPRATYEFVPADAFVHVDDDFGSARELAAFLTGMNESRYQRFFAWRDRLRVRLFTD
WRERFCAICDRYPHLPRSQVYEDLEGWFQA

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.