

Recombinant Full Length Human FUT8 Protein

Cat. No. FUT8-171HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human FUT8 with N terminal proprietary tag, predicted mwt: 89.32 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	575 amino acids
Description	This gene encodes an enzyme belonging to the family of fucosyltransferases. The product of this gene catalyzes the transfer of fucose from GDP-fucose to N-linked type complex glycopeptides. This enzyme is distinct from other fucosyltransferases which catalyze alpha1-2, alpha1-3, and alpha1-4 fucose addition. The expression of this gene may contribute to the malignancy of cancer cells and to their invasive and metastatic capabilities. Alternative splicing results in multiple transcript variants.
Form	Liquid
Molecular Mass	89.320kDa inclusive of tags
AA Sequence	MRPWTGSWRWIMLILFAWGTLFLFYIGGHLVRDNDHPDHSS RELSKILAKLERLKQQ NEDLRRMAESLRPEGPIDQGPAL GRVRVLEEQLVKAKEQIENYKKQTRNGLGKDHE ILRRRIE NGAKELWFFLQSELKKLNLEGNELQRHADEFLLDLGHHE RSIMTDLYYL SQTDGAGDWREKEAKDLTELQRRITYLQN PKDCSKAKKLVCNINKGCGYGCQLH HVVYCFMIAYGTQRT LILESQNWRYATGGWETVFRPVSETCTDRSGISTGHWSGE

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VKDKNVQVVELPIVDSLHPRPPYLPLAVPEDLADRLVRVH GDPAVWWVSQFVKYLI
 RPQPWLEKEIEEATKKLGFKHPVI GVHVRRTDKVGTEAAFHPIEEYMHVVEEHFQLL
 ARRMQVD KKRYYLATDDPSLLKEAKTKYPNYEFISDNSISWSAGLHN RYTENSLRG
 VILDIHFLSQADFLVCTFSSQVCRVAYEIMQ TLHPDASANFHSLLDDIYYFGGQNAHN
 QIAIYAHQPRTADE IPMEPGDIIGVAGNHWDGYSGVNRKLGRTGLYPSYKVVRE KIE
 TVKYPTYPEAEK

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name FUT8 fucosyltransferase 8 (alpha (1,6) fucosyltransferase) [Homo sapiens]

Official Symbol FUT8

Synonyms FUT8; fucosyltransferase 8 (alpha (1,6) fucosyltransferase); alpha-(1,6)-fucosyltransferase

Gene ID 2530

mRNA Refseq NM_004480

Protein Refseq NP_004471

MIM 602589

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UniProt ID

Q9BYC5

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