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	MRPWTGSWRWIMLILFAWGTLLFYIGGHLVRDNDHPDHSS RELSKILAKLERLKQQ NEDLRRMAESLRIPEGPIDQGPAI GRVRVLEEQLVKAKEQIENYKKQTRNGLGKDHE ILRRRIE NGAKELWFFLQSELKKLKNLEGNELQRHADEFLLDLGHHE RSIMTDLYYL SQTDGAGDWREKEAKDLTELVQRRITYLQN PKDCSKAKKLVCNINKGCGYGCQLH HVVYCFMIAYGTQRT LILESQNWRYATGGWETVFRPVSETCTDRSGISTGHWSGE

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	VKDKNVQVVELPIVDSLHPRPPYLPLAVPEDLADRLVRVH GDPAVWWVSQFVKYLI RPQPWLEKEIEEATKKLGFKHPVI GVHVRRTDKVGTEAAFHPIEEYMVHVEEHFQLL ARRMQVD KKRVYLATDDPSLLKEAKTKYPNYEFISDNSISWSAGLHN RYTENSLRG VILDIHFLSQADFLVCTFSSQVCRVAYEIMQ TLHPDASANFHSLDDIYYFGGQNAHN QIAIYAHQPRTADE IPMEPGDIIGVAGNHWDGYSKGVNRKLGRTGLYPSYKVRE 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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