

Recombinant Full Length Human FUT8 Protein, GST-tagged

Cat. No. FUT8-5196HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human FUT8 full-length ORF (NP_835367.1, 1 a.a. - 575 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	575 amino acids
Description	This enzyme belongs 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. Alternatively spliced variants encoding different isoforms have been identified. [provided by RefSeq]
Molecular Mass	92.9 kDa
AA Sequence	MRPWTGSWRWIMLILFAWGTLIFYIGGHLVRDNDHPDHSSRELSKILAKLERLKQQ NEDLRRMAESLRPEGPIDQGPAIGRVRVLEEQLVKAKEQIENYKKQTRNGLGKDHEI LRRRIENGAKELWFFLQSELKCLKNLEGNELQRHADEFLLDLGHHERSIMTDLYYLS QTDGAGDWREKEAKDLTELVQRRITYLQNPKDCSKAKKLVNINKGCGYGCQLHHV VYCFMIAYGTQRTLILESQNWRYATGGWETVFRPVSETCTDRSGISTGHWSGEVKD KNVQVVELPIVDSLHPRPPYLPLAVPEDLADRLVRVHGDPVAVWWVSQFVKYLIRPQP

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WLEKEIEEATKKLGFKHPVIGVHVRRTDKVGTEAAFHPIEEYMVHVEEHFQLLARRM
 QVDKKRVYLATDDPSLLKEAKTKYPNYEFISDNSISWSAGLHNRYTENSRLRGVILDIH
 FLSQADFLVCTFSSQVCRVAYEIMQTLHPDASANFHSLDDIYYFGGQNAHNQIAIYAH
 QPRTADEIPMEPGDIIGVAGNHWDGYSKGVNRKLGRTGLYPSYKVVREKIETVKYPTY
 PEAEK

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes
 Best use within three months from the date of receipt of this protein.

Storage
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; alpha1-6FucT; glycoprotein 6-alpha-L-fucosyltransferase; GDP-
 fucose--glycoprotein fucosyltransferase; GDP-L-Fuc:N-acetyl-beta-D-glucosaminide
 alpha1,6-fucosyltransferase; MGC26465;

Gene ID [2530](#)

mRNA Refseq [NM_004480](#)

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Protein Refseq NP_004471

MIM 602589

UniProt ID Q9BYC5

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