

# Recombinant Full Length Human FUT8 Protein, GST-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FUT8 full-length ORF ( NP_835367.1, 1 a.a. - 575 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 575 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 92.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MRPWTGSWRWIMLILFAWGTLIFYIGGHLVRDNDHPDHSSRELSKILAKLERLKQQ<br>NEDLRRMAESLRIPGPIDQGPAGRVVRVLEEQLVKAKEQIENYKKQTRNGLGKDHEI<br>LRRRIENGAKELWFFLQSELKKLKNLEGNELQRHADEFLLDLGHHERSIMTDLYYLS<br>QTDGAGDWREKEAKDLTEL VQRRITYLQNPKDCSKAKKLVCNINKGCGYGCQLHHV<br>VYCFMIAYGTQRTLILESQNWRYATGGWETVFRPVSETCTDRSGISTGHWSGEVKD<br>KNVQVVVELPIVDSLHPRPPYLPLAVPEDLADRLVRVHGDPVWWVSQFVKYLIRPQP                                                                                                                                                                  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

WLEKEIEEATKKLGFKHPVIGVHVRRTDKVGTEAAFHPIEEYMVHVEEHFQLLARRM  
QVDKKRVYLATDDPSLLKEAKTKYPNYEFISDNSISWSAGLHNRYTENSRLRGVILDIH  
FLSQADFLVCTFSSQVCRVAYEIMQTLHPDASANFHSLLDDIYYFGGQNAHNQIAIYAH  
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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                |           |
|----------------|-----------|
| Protein Refseq | NP_004471 |
| MIM            | 602589    |
| UniProt ID     | Q9BYC5    |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA