

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 NEDLRRMAESLRIPEGPIDQGPAIGRVRVLEEQLVKAKEQIENYKKQTRNGLGKDHEI LRRRIENGAKELWFFLQSELKKLKNLEGNELQRHADEFLLDLGHHERSIMTDLYYLS QTDGAGDWREKEAKDLTEL VQRRITYLQNPKDCSKAKKLVCNINKGCGYGCQLHHV VYCFMIAYGTQRTLILESQNWRYATGGWETVFRPVSETCTDRSGISTGHWSGEVKD KNVQVVVELPIVDSLHPRPPYLPLAVPEDLADRLVRVHGDPVWVWSQFVKYLIRPQP

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

 Email: 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](#)

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Protein Refseq	NP_004471
MIM	602589
UniProt ID	Q9BYC5

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