

## Alpha- (1,3)-fucosyltransferase (FUT6) Recombinant Protein | FUT6 recombinant protein

Recombinant Human Alpha- (1,3)-fucosyltransferase (FUT6), partial

CATALOG #  
AAA113403

HOST  
E Coli or Yeast or Baculovirus or Mammalian Cell

### PRODUCT SYNONYMS

Alpha- (1; 3)-fucosyltransferase (FUT6); Recombinant Human Alpha- (1; partial; FUT6 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                 |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                        |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                 |
| Sequence Positions      | 35-359aa; partial                                                                                                                                                                                                                                                                                                                                                                |
| Sequence                | RVSQDDPTVY PNGSRFPDST GTPAHSIPLI LLWTWPFNKP IALPRCSEMV PGTADCNITA DRKVYPQADA<br>VIVHHREVMY NPSAQLPRSP RRQGQRWIWF SMESPSHCWQ LKAMDGYFNL TMSYRSDSDI FTPYGWLEPW<br>SGQPAHPPLN LSAKTELVAW AVSNWGPNSA RVRYYSLSQA HLKVDVYGRS HKPLPQGTMM ETLSRYKFYL<br>AFENSLHPDY ITEKLWRNAL EAWAVPVVLG PSRSNYERFL PPDAFIHVDD FQSPKDLARY LQELDKDHAR<br>YLSYFRWRET LRPRFSWAL AFCKACWKLQ EESRYQTRGI AAWFT |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                              |

### ADDITIONAL INFORMATION

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|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for FUT6 recombinant protein | This protein is a Golgi stack membrane protein that is involved in the creation of sialyl-Lewis X, an E-selectin ligand. Mutations in this gene are a cause of fucosyltransferase-6 deficiency. Two transcript variants encoding the same protein have been found for this gene. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 4503815                          |
| NCBI GeneID                      | 2528                             |
| NCBI Accession #                 | NP_000141.1                      |
| NCBI GenBank Nucleotide #        | NM_000150.2                      |
| UniProt Accession #              | P51993; Q9UND8; A6NEX0; D6W637   |
| Molecular Weight                 | 42,191 Da                        |
| NCBI Official Full Name          | alpha-(1,3)-fucosyltransferase 6 |
| NCBI Official Synonym Full Names | fucosyltransferase 6             |
| NCBI Official Symbol             | FUT6                             |
| NCBI Official Synonym Symbols    | FT1A; FCT3A; Fuc-TVI; FucT-VI    |
| NCBI Protein Information         | alpha-(1,3)-fucosyltransferase 6 |

|                            |                                  |
|----------------------------|----------------------------------|
| UniProt Protein Name       | Alpha-(1,3)-fucosyltransferase 6 |
| UniProt Gene Name          | <b>FUT6</b>                      |
| UniProt Synonym Gene Names | FCT3A; Fuc-TVI; FucT-VI          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/fut6-recombinant-protein-e-coli/113403>