

## Fucosyltransferase 3 (FUT3) Recombinant Protein | FUT3 recombinant protein

Recombinant Fucosyltransferase 3 (FUT3)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153411</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Fucosyltransferase 3 (FUT3); Recombinant Fucosyltransferase 3 (FUT3); Fucosyltransferase 3; FUT3 recombinant protein (prokaryotic); Human; CD174; FUT3; FT3B; LE; Les; FucT-III; Lewis FT; Galactoside 3(4)-L-Fucosyltransferase; Lewis Blood Group; Blood group Lewis alpha-4-fucosyltransferase; FUT3 recombinant protein

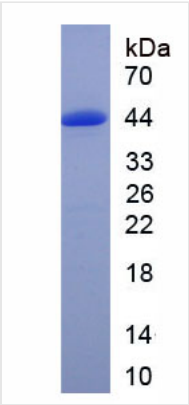
### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                                 | E coli                                                                                                       |
| Purity/Purification                                  | Greater than 90% by SDS-PAGE                                                                                 |
| Form/Format                                          | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder                                       |
| Sequence Positions                                   | Arg35~Thr361                                                                                                 |
| Applicable Applications for FUT3 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                                    | Prokaryotic expression                                                                                       |
| Species                                              | Human                                                                                                        |
| Tag                                                  | N-terminal His                                                                                               |
| Endotoxin Level                                      | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                                    | 9                                                                                                            |
| Subcellular Location                                 | Secreted                                                                                                     |
| Research Area                                        | Enzyme & Kinase                                                                                              |
| Preparation and Storage                              | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

IMAGES

RYSRSD ATGSFRAFSG SSRGDTTPTR PILLILLMTW PFHIPVALSR CSEWVPGTAD CHITADRKYT RQADTVIVHH  
WDINSFKSR LPPSPFPQQA RWINPLEPP PNOHLEALD RYFNLWSTR SSGDIFTFTG WLEPWSGAPA HPLNLSAKT  
ELVANAYSNW EFGSARVTT QSLQAGLAYD VTGSGRFLP KSTHMETLSR TETTLAPENS LIPDTITTEL WNGLEAWAY  
PVVLCPSRDN YERFLPFDNF THYDDQSGPK DLARYLQELD KDRARTLSYF RRETELEPRS FSWALDFCKA CWKLAQESRY  
QTVRSIAAMF T

Amino Acid Info



SDS-PAGE  
Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                                        |                      |
|--------------------------------------------------------|----------------------|
| Product Categories/Family for FUT3 recombinant protein | Prokaryotic proteins |
|--------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4503809                                                                                                                                                                                          |
| NCBI GeneID                      | 2525                                                                                                                                                                                             |
| NCBI Accession #                 | NP_000140.1                                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | NM_000149.3                                                                                                                                                                                      |
| UniProt Accession #              | P21217; Q32NE7; Q99448; Q99449; B5U7U9; B5U7V0                                                                                                                                                   |
| Molecular Weight                 | 42,117 Da                                                                                                                                                                                        |
| NCBI Official Full Name          | galactoside 3(4)-L-fucosyltransferase                                                                                                                                                            |
| NCBI Official Synonym Full Names | fucosyltransferase 3 (galactoside 3(4)-L-fucosyltransferase, Lewis blood group)                                                                                                                  |
| NCBI Official Symbol             | FUT3                                                                                                                                                                                             |
| NCBI Official Synonym Symbols    | LE; Les; FT3B; CD174; FucT-III                                                                                                                                                                   |
| NCBI Protein Information         | galactoside 3(4)-L-fucosyltransferase; galactoside 3(4)-L-fucosyltransferase; Lewis FT; fucosyltransferase III; alpha-(1,3/1,4)-fucosyltransferase; blood group Lewis alpha-4-fucosyltransferase |
| UniProt Protein Name             | Galactoside 3(4)-L-fucosyltransferase                                                                                                                                                            |
| UniProt Gene Name                | FUT3                                                                                                                                                                                             |
| UniProt Synonym Gene Names       | FT3B; LE; Lewis FT; FucT-III                                                                                                                                                                     |
| UniProt Entry Name               | FUT3_HUMAN                                                                                                                                                                                       |

**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.