

Product datasheet for TP312345

FUT8 (NM_178154) Human Recombinant Protein

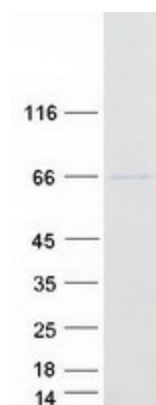
Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human fucosyltransferase 8 (alpha (1,6) fucosyltransferase) (FUT8), transcript variant 2, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC212345 representing NM_178154 Red =Cloning site Green =Tags(s) MRPWTGSWRWIMLILFAWGTLFFYIGGHLVRDNDHPDHSSRELSKILAKLERLKQQNEDLRRMAESLRIP EGPIDQGPAGRVRLVEEQLVKAKEQIENYKKQTRNGLGKDHEILRRRIENGAKELWFFLQSELKKLKNL EGNELQRHADEFLLDLGHHERSIMTDLYLSQTDGAGDWREKEAKDLTELQRRITYLQNPKDCSKAKKL VCNINKGCGYGCQLHHVYCFMIAYGTQRTLILESQNWRYATGGWETVFRPVSETCTDRSGISTGHWSGE VKDKNVQVVELPIVDSLHPRPPYLPLAVPEDLADRLVRVHGDPVWWVSQFVKYLIRPQPWLEKEIEEAT KKLGFKHPVIGVHVRRTDKVGTEAAFHPIEEYMVHVEEHFQLLARMQVDKKRVYLATDDPSLLKEATK YPNYEFISDNSISWSAGLHNRYTENSRLRGVILDIHFLSQADFLVCTFSSQVCRVAYEIMQTLHPDASANF HSLDDIYYFGGQNAHNQIAIYAHQPRTADEIPMEPGDIIGVAGNHWDGYSKGVNRKLGRTGLYPSYKVRE KIETVKYPTYPEAEK SGP TRTRRLE QKLISEEDLA ANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 66.3 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |


[View online »](#)

| | |
|--------------------------|--|
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_835367</u> |
| Locus ID: | 2530 |
| UniProt ID: | <u>Q9BYC5</u> |
| RefSeq Size: | 3291 |
| Cytogenetics: | 14q23.3 |
| RefSeq ORF: | 1725 |
| Synonyms: | MGC26465 |
| Summary: | This gene encodes an enzyme belonging 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2011] |
| Protein Families: | Transmembrane |
| Protein Pathways: | Keratan sulfate biosynthesis, Metabolic pathways, N-Glycan biosynthesis |

Product images:



Coomassie blue staining of purified FUT8 protein (Cat# TP312345). The protein was produced from HEK293T cells transfected with FUT8 cDNA clone (Cat# [RC212345]) using MegaTran 2.0 (Cat# [TT210002]).