

Product datasheet for **SC104347**

FUT10 (NM_032664) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FUT10 (NM_032664) Human Untagged Clone
Tag:	Tag Free
Symbol:	FUT10
Synonyms:	FUCTX
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032664, the custom clone sequence may differ by one or more nucleotides

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ATGGTGCGGATTGAGGAGGAAGCTTTTGGCATCTTGCCTGTGCGTCACAGCCACCGTCTTTCTGCTTG
TCACACTCCAGGTCATGGTTGAGCTGGGGAAGTTTAAAGGAAGGAGTTAAAAGTTCCAGTTTGAAGA
TGGACATACAAAAATGGAGGAAGCACCTACGCATCTTAATTCATTTCTTAAGAAAGAAGGATTGACCTTC
AACAGGAAAAGAAAAATGGGAATTGGACAGCTACCCATTATGCTCTGGTGGTCCCGCTGACGGGGGAGA
CTGGGAGGTTAGGCCAATGTGGAGCAGATGCTTGTTCCTCACCATCAACCGGACCTACCTCCATCATCA
CATGACCAAAGCATTCTCTTCTATGGTACTGACTTTAACATAGATAGCTTACCTCTGCCTCGGAAAGCC
CATCATGACTGGGCTGTTTTTCATGAAGAGTCCCGAAAAACAATTATAAGCTCTTTCATAAACCAGTGA
TCACCTTGTTCAACTACACTGCCAGTTTCAGCAGGCAATCCCACTTGCCACTAACTACCCAATACTTGA
GAGCATTGAAGTCTGAAGTCACTCCGATACCTAGTTCCTTTGCAGTCCAAAAACAAGCTTAGAAAAAGA
CTTGCTCCGCTGGTGTATGTACAGTCAGACTGTGACCCACCATCAGACAGGGACAGCTATGTTCCGAGC
TGATGACTTACATCGAGGTCGATTCCTATGGTGAATGTTACGAAACAAAGACCTCCCTCAGCAGCTGAA
AAATCCAGCCTCTATGGATGCCGATGGCTTTTATAGGATCATTGCACAGTATAAGTTTATCTAGCTTTT
GAGAATGCAGTTTGTGATGACTACATCACTGAGAAGTTCTGGAGGCCACTGAACTGGGGGTAGTCCCTG
TATATTACGGATCCCCAGCATCACAGACTGGCTTCCAAGTAACAAAAGTGTCTATTCTTGTATCAGAATT
TTCTACCCCAGGGAAGTGGCAAGTTACATCAGACGACTGGATTCTGATGACAGATTGTATGAGGCCTAT
GTAGAATGGAAGCTGAAGGGTGAGATCTCTAACCCAGCGACTTCTGACAGCTCTCAGGGAACGGAAATGGG
GAGTGCAAGACGTCAACCAGGACAATTACATCGATGCATTTGAGTGTATGGTGTGCCAACGAGGTGTGGGC
TAATATCAGGCTTACGAAAAGGGCTTACCACCCAAAAGATGGGAGGCAGAAAGTACCCACCTGAGTTGC
CCAGAGCCACAGTGTGCTTTCTCACCCTCCGACTCCACCTTTGAGCTCTTTGCGAGAGATGTGGA
TTTCCAGCTTTGAACAATCCAAGAAAGAAGCCAGGCACTAAGGTGGCTGGTTGATAGGAATCAAACTT
TTCATCTCAAGAGTTTTGGGGCCTAGTATTCAAGGACTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032664 unedited</p> <pre>CGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCTAGTCCAGTTGGAGAAGCGGA GAGTTTCCCCTGTCTTAAAGAAGAGGGCCCCCGCAGCCTTCCCGAGAAGTTTCCATAGGG CCGTGGCCTCAGGCGGACTGCGAACCAAGATCATCAGCAGGGGGCGGCCCGGTGTTCTTA TAACCCGGGTCCAAGAGCTTGTGAACAGGGCAGAGTGAAAACCCGGATCCAGGCTGGC TCCGCCGGAACGCGCCCCGAGCTCGCCCGCGGCCGCTCCGCCGCTCCTGATCGGCTC TTCGGGTCTTCCCGGCCGCCAGGCTTGGGCTCATAGGGAGAAAGGAAGCTGCGCTGCGTT CTGCCGGACGAACCTGCTCCGCGCGAGAATTTTTTTGATTCTTCTTATTTGGAGAAAT CTCCAGCTGCTCTGATGATAGCCTAAGAAGACTGCATGCTGCTTCTCTCGATGCCAAGC CAGACCTCTCACAACCTCGGATCTCAGTCTTTCATGGAGACCTGGTCCCAGCAGGAATG GCAGTGCAGGAAATTGGCGCCAGATGGTCTTCCATGTGAAGTTGTCTCGGGCTCTGGG CTGACGAGAGAACACCTGGTAACCAGGTTAGCCCTCTGTCAGTCAACCAGGCAGGGCAG CATGGTGGGATTCAGAGGAGGAAGCTTTTGGCATCTTGCCTGTGCGTCACAGCCACCGT CTTTCTGCTTGACACTCCAGTCAATGGNTGAGCGGGGGAAGTTNGAAAGGAAGAGTTTAA AGTTTCAGCTTGCAGATGGACTACAAAATGGAGGAGCCCTAGCATCCTATTTTCATCT CTAAGAANGGAGGATCGACCTTACAGGANAGAAATGGGAATTGGACAGTACCCATATG CTTTGTGGTCCCGTGACGGGGAGACTGGNGAGGTTGCCCTTGGGAAAAAGCTTGTTTTT TACATTTACGGCCTCCTCATATTAATGACG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032664 unedited</p> <pre>CTTGCCCGCGGCCGAATCTANGCCGGTTTTTTTTTTTTTTTTTTTTTTTTTAACTGAAAC AGCTTTTATTACTCACTTTACATTCCTTGAAACCAACAGATGGGATCTCTCATTGCC AAGTTCTAATGTATTTTCATGTTTCATGCTCGGCTGCAGGATACCAGTTTGCCAAATACCA ATAAGCTGTTGAGAGTGAGGTGAGTATCAAGAATCTATAGCTAGATCGTCTCCCTCCATT GCACAAGGAAAGTACTACTCTAGGTGAATTTCCACAAAAGGCAGTAAGTATGTGGGTCC ACAGACACGGACATGGAAGATAACCAGTGTCCATAAGAAATATTTCTTTTTTAGTATAA AAAATATAGTGGTACCCCTAAGGGTAATTTACATCTATTCCTTGAAAGGGCTCATTATG AGTACTGCAGCAACTAATTATTATCCTGATGGATAGTCAACAGAAATAGCTATTATGTTCA AATATTAAGGCAACCTAGAAAATAAACCTCAAGAAGGCTCTAGTCTGTTTCATTCTGATC ATTTTTGAAATCAGTCTTGAATACTAGGCCCAAAACTCTTGAGATGAAAAGTTTTTGAT TCCTCAACACCGCCACCTTAGTGCCTGGGCTCTTTCTTGGATTGTCCAAAGCCTGGA AATCCACATCTCTCGCAAAGAGCTCAAAGGTGGAGTCCGGAGTGGTGAAGAAGCCACACT GTGGGCTCTGGGCACCTAGGTGGGATCTTCTGCCTCCATCTTTGGGGTGGAGCCCTTTT CTGAACCTGATATACCCCACTTGGTGCAACCATACACTCAATGCACGATGGAATTGCCT GTTTGCCTTTGCCTCCATTCCGTTCTGAGAGTGCCCAACCCCTGCTAGAACCACCT GACCTTCATTTAATAGCCCTACAATGCCTAAAACCACCTTGAGCACTGCACCCCT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032664
Insert Size:	2390 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_032664.3](#), [NP_116053.3](#)

RefSeq Size: 3549 bp

RefSeq ORF: 1440 bp

Locus ID: 84750

UniProt ID: [Q6P4F1](#)

Cytogenetics: 8p12

Domains: Glyco_transf_10

Protein Families: Transmembrane

Gene Summary: Probable fucosyltransferase.[UniProtKB/Swiss-Prot Function]