

Product datasheet for **SC303488**

FUT7 (NM_004479) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FUT7 (NM_004479) Human Untagged Clone
Tag: Tag Free
Symbol: FUT7
Synonyms: FucT-VII
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_004479 edited
TGATTTTCAGGGGACCTCTGGCGGCTGCCGTGATTTGAGAATCTCGGGTCTCTTGCTGA
CTGATCCTGGGAGACTGTGGATGAATAATGCTGGGCACGGCCCCACCGAGGCTGCGAG
GCTTGGGGGTCCCTGGCCGGGTGGCTCTGCTCGCTGCCCTCTGGCTCCTGTGGCTGCTGG
GGTCAGCCCTCGGGGTACCCCGGCACCCAGCCACGATCACCATCCTTGTCTGGCACT
GGCCCTTCACTGACCAGCCCCAGAGCTGCCAGCGACACCTGCACCCGCTACGGCATCG
CCCCTGCCACCTGAGTGCCAACCGAAGCCTGTGGCCAGCGCCGACGCCGTGGTCTTCC
ACCACCGCAGCTGCAGACCCGGCGGTCCCACCTGCCCTGGCCAGCGCCGCGAGGGC
AGCCCTGGGTGTGGCCCTCCATGGAGTCTCCTAGCCACACCCACGGCCTCAGCCACCTCC
GAGGCATCTTCAACTGGGTGCTGAGCTACCGGCGGACTCGGACATCTTGTGCCCTATG
GCCGCTGGAGCCCCACTGGGGGCCCTCGCCACCCTGCCAGCCAAGAGCAGGGTGGCCG
CCTGGGTGGTCAGCAACTTCCAGGAGCGGCAGCTGCGTGCCAGGCTGTACCGGCAGCTGG
CGCCTCATCTGCGGGTGGATGTCTTGGCCGTGCCAATGGACGGCCACTGTGCGCCAGCT
GCCTGGTGGCCACCGTGGCCAGTACCGCTTCTACCTGTCTTTGAGAACTCTCAGCACC
GCGACTACATTACGGAGAAATCTGGCGCAACGCACTGGTGGCTGGCACTGTGCCAGTGG
TGCTGGGGCCCCACGGGCCACCTATGAGGCCTTCGTGCCGGCTGACGCCCTTCGTGCATG
TGGATGACTTTGGCTCAGCCGAGAGCTGGCGGCTTTCCTCACTGGCATGAATGAGAGCC
GATACCAACGCTTCTTTGCCTGGCGTGACAGGCTCCGCGTGCGACTGTTACCCGACTGGC
GGGAACGTTTCTGTGCCATCTGTGACCGTACCCACACCTACCCGCAAGCAAGTCTATG
AGGACCTTGAGGGTTGGTTTTCAGGCCTGAGATCCGCTGGCCGGGGAGGTGGGTGGGT
GGAAGGGCTGGGTGTCGAAATCAAACCACAGGCATCCGGCCCTTACCGCAAGCAGCGG
GCTAACGGGAGGCTGGGCACAGAGGTGAGGAAGCAGGGGTGGGGGTGCAGGTGGGCACT
GGAGCATGCAGAGGAGGTGAGAGTGGGAGGAGGTAAACGGGTGCCTGCTGCGGCAGACGG
GAGGGGAAAGGCTGCCGAGGACCCTCCCCACCCTGAACAAATCTTGGGTGGGTGAAGGCC
TGGCTGGAAGAGGGTGAAGGCAGGGCCCTTGGGGCTGGGGGGCACCCACGCTGAAGTT
TGTGGGGGCCAAACCTGGGACCCGAGCTTCTCGGTAGCAGAGGCCCTGTGGTCCCCGA
GACACAGGCACGGGTCCCTGCCACGTCCATAGTCTGAGGTCCCTGTGTAGGCT



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_004479 unedited TTTAGTTCAGATTTGTATACGACTCATATAGGCGGCCGNAATTCGCACCAGTGATTTCC AGGGGCACCTCTGGCGGCTGCCGTGATTTGAGAATCTCGGGTCTCTTGGCTGACTGATCC TGGGAGACTGTGGATGAATAATGCTGGGCACGGCCCCACCCGGAGGCTGCGAGGCTTGGG GGTCTGGCCGGGTGGCTCTGCTCGTGCCTCTGGCTCCTGTGGTGTGGGGTCCAGC CCCTCGGGTACCCCGCACCCAGCCACGATACCATCCTTGTCTGGCACTGGCCCTT CACTGACCAGCCCCAGAGCTGCCAGCGACACCTGCACCCGCTACGGCATCGCCCGTG CCACCTGAGTGCCAACCGAAGCCTGCTGGCCAGCGCCGACGCCGTGGTCTTCCACCACCG CGAGCTGCAGACCCGGCGTCCCACCTGCCCTGGCCAGCGGCCGCGAGGGCAGCCCTG GGTGTGGGCTCCATGGAGTCTCCTAGCCACACCCACGGCCTCAGCCACCTCCGAGGCAT CTTCAACTGGGTGCTGAGCTACCGGCGGACTCGGACATCTTTGTGCCCTATGGCCGCT GGAGCCCCACTGGGGCCCTCGCCACCGCTGCCAGCCAAGAGCAGGGTGGCCGCTGGGT GGTGAGCAACTCCAGGAGCGGCAGCTGCGTGCCAGGCTGTACCGCAGCTGGCGCCTCA TCTGCGGTGGATGTCTTTGGCCGTGCCAATGGACGGCCACTGTGCGCCAGCTGCCTGGT GCCCACCGTGGCCAGTACCGCTTCTACCTGTCCTTTGAGAACTCTCAGCACCGCGACTA CATTACGAGAAAATTCTGGCGCAACGCACTGGTGGCTGGCACTGTGCC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_004479 unedited GGAGGGGAAACCAACCCTNCCCCGGCCAGCGCTACTCAGCCTGAACCAACCCTCAAGG TCCTCATANACTTGGCTGCGGGTAGGTGTGGTAGCGGTACAGATGGCACAGAAACGT TCCCGCCAGTCGGTGAACAGTCGCACGCGGAGCCTGTACGCCAGGCAAGAAGCGTTGG TATCGGCTCTCATTATGCCAGTGAGGAAAGCCCGCAGCTCTCGGGCTGAGCCAAAGTCA TCCACATGCACGAAGGCGTCAGCCGGCACGAAGGCCTCATAGGTGGCCCGTGGGGCCCC AGCACCCTGGCACAGTGCCAGCCACCAGTGCGTTGCGCCAGAATTTCTCCGTAATGTAG TCGCGGTGCTGAGAGTTCTCAAAGGACAGGTAGAAGCGGTAAGTGGCCACGGTGGGCACC AGGCAGCTGGCGCACAGTGGCCGTCATTGGCACGGCCAAAGACATCCACCCGAGATGA GGCGCCAGCTGCCGGTACAGCCTGGCACGAGCTGCCGCTCCTGGAAGTTGCTGACCACC CAGGCGGCCACCTGCTCTTGGCTGGCAGCGGTGGCGAGGGCCCCAGTGGGGTCCAGG CGGCCATAGGGCACAAGATGTCCGAGTCGCGCCGGTAGCTCAGCACCCAGTTGAAGATG CCTCGGAGGTGGCTGAGGCCGTGGGTGTGGCTAGGAGACTCCATGGAGGCCACACCCAG GGCTGCCCTCGCGCCGCTGGGCCAGGGCAGGTGGGACC GCCGGTCTGCAGCTCGCGG TGGTGGAAGCCACGGCGTCNCGCTGGCCAGCAGCCTTCGGTTGGCACNTCAGTGCCAGC GGGCGATGCCGTNNACGGTGCCAGTGGTGGTGGCAGCTCTGGGGGGCTG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_004479
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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	<ol style="list-style-type: none">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_004479.2 , NP_004470.1
RefSeq Size:	2598 bp
RefSeq ORF:	1029 bp
Locus ID:	2529
UniProt ID:	Q11130
Cytogenetics:	9q34.3
Protein Families:	Transmembrane
Protein Pathways:	Glycosphingolipid biosynthesis - lacto and neolacto series
Gene Summary:	The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of sialyl-Lewis X antigens. The encoded protein can direct the synthesis of the E-selectin-binding sialyl-Lewis X moiety. [provided by RefSeq, Jul 2008]