

Product datasheet for **SC336343**

FUT11 (NM_001284194) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FUT11 (NM_001284194) Human Untagged Clone
Tag:	Tag Free
Symbol:	FUT11
Synonyms:	FUCTXI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336343 representing NM_001284194.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCGGCCGGCCCCATTAGGGTGGTGTGGTCCTTCTAGGGGTGCTCAGTGTCTGTGCAGCCAGCGGC
CATGGGTCCGTAGCGGAGAGGGAGGCCGGCGGGAGGCGGAGTGGCGGAACCGTGGGATGGCGCGGTT
TTCCGGCCGCCCTCGGCGCTGGGCGCAGTGGGGGTGACGCGCAGCTCTGGGACGCCCGCGCCAGGGAGG
GAGGAGGCGGGGACTTGCCGGTACTGCTGTGGTGGAGCCAGGGCTATCCCCCACTTCCCGGGAGAC
TCGGAGCGCATCGAGTGTGCGCGCGCGCGTGCCTGCCGTCGCCGAACCGCCGAGCGCTGAGGGACTCG
CGGACGCGCGCGCTGCTCTTCTACGGCACAGACTTCCGCGCGTCGGCGCCCCGCTGCCGCGCTGGCG
CACCAGAGCTGGGCGCTCCTCCACGAGGAGTCCCCCTCAACAATTTCTGTGAGCCACGGCCCGGGC
ATCCGCTCTTCAATCTTACCTCCACCTTCAGTCGCCACTCGGATTACCGCTGTCGCTGCAGTGGCTG
CCCGGGACCGCTATCTGCGCCGCCCGGTGCCTCCGCCATGGAACGCGCGGAGTGGCGCCGCCCGGC
TACGCGCGCTGCTCTATCTGCAGTCACACTGCGAGTGCAGCGGACCGGGACCGCTACGTGCGCGAG
CTCATGCCACATCCCGGTAGACTCCTACGGGAAATGCCTGCAGAATCGGGAGCTGCCTACCGCGCGG
CTACAGGACACAGCCACGGCCACCACCGAGGATCCAGAGCTCTTGCTTTCTTGTCCCGCTATAAGTTC
CACTTGGCCCTGGAAAATGCCATCTGTAACGACTACATGACAGAAAACTGTGGCGTCCCATGCACCTG
GGCGCTGTGCCGTGTACCGCGTTCTCCCTCTGTGAGGAGTGGATGCCGAACAATCACTCCGTATC
CTGATTGATGATTTTGTCTCTCAGAACTGGCAGAGTTTATTGACTTTCTGGACAAGAATGATGAG
GAGTATATGAAATACCTGGCATAACAAGCAACCTGGGGGCATCACCACCAATTTCTTCTGGATAGTCTG
AAGCATCGGAGTGGGGAGTGAATGATCCTTTGCTGCCTAACTACCTCAACGGCTTCGAGTGTTCGTC
TGTGACTACGAACTGGCTCGGCTGGATGCCGAGAAAGCCACGCGGCTCTCCCGGGACAGCCCCGTC
TTTGAGCCCCACATTGCCAGCCCTCACACATGGACTGCCAGTGCCACACCTGGCTTTGGCAATGTG
GAAGAGATTCTGAGAATGACAGCAGTCTTGTCCAAGTTAGAGACCACTGTATCTGCTTAAGATTCTT
TGGCCCCACTCGGAAAAGGCAGGACTCATAACTATGCTGCAGTTCCATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001284194

Insert Size: 1431 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_001284194.1](#)

RefSeq Size: 2191 bp

RefSeq ORF: 1431 bp

Locus ID: 170384

UniProt ID: [Q495W5](#)

Cytogenetics: 10q22.2

MW: 53.5 kDa

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

Transcript Variant: This variant (2) uses an alternate splice site in the 3' coding region, which results in a frameshift, compared to variant 1. It encodes isoform 2, which has a shorter and distinct C-terminus, compared to isoform 1.