

Product datasheet for **RC238449**

FUT11 (NM_001284194) Human Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>RC238449 representing NM_001284194
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCGGCCGCCCATTAGGGTGGTGTGGTCTCTAGGGGTGCTCAGTGTCTGTGCAGCCAGCGGCC
 ATGGGTCCGTAGCGAGAGGGAGGCCGGCGGGAGGCGGAGTGGCGGAACCGTGGGATGGCGCGTTTT
 CCGGCCGCCCTCGGCGCTGGGCGCAGTGGGGTGACGCGCAGCTCTGGGACGCCGCGGCCAGGGAGGGAG
 GAGGCGGGGACTTGCCGGTACTGCTGTGGTGGAGCCAGGGCTATTCCCCACTTCCGGGAGACTCGG
 AGCGCATCGAGTGTGCGCGCGCGCGTGCCTGGCGTCCCGGAACCGCGAGCGTGAGGGACTCGCGGAC
 GCGCGCGTCTCTTCTACGGCACAGACTTCCGCGCGTGGGCCGCCCGCTGCCGCGCTGGCGCACCAG
 AGCTGGGCGTCTCCACGAGGAGTCGCCCTCAACAATTCTTGCTGAGCCACGGCCCGGGCATCCGCC
 TCTTCAATCTTACCTCCACCTTCAGTCGCCACTCGGATTACCCGCTGTCGCTGCAGTGGTGGCCGGGAC
 CGCCTATCTGCGCGCCCGGTGCCTCCGCCATGGAACGCGCGGAGTGGCGCCGCGCGGCTACGCGCCG
 CTGCTCTATCTGCAGTCACACTGCGACGTGCCAGCGGACCGGGACCGCTACGTGCGCGAGCTCATGCC
 ACATCCCGGTAGACTCCTACGGAAATGCCTGCAGAATCGGGAGCTGCCTACCGCGCGGTACAGGACAC
 AGCCACGCCACCACCGAGGATCCAGAGCTCTTGGCTTTCTTGTCCCGCTATAAGTTCACCTTGGCCCTG
 GAAATGCCATCTGTAACGACTACATGACAGAAAACTGTGGCGTCCCATGCACCTGGGCGCTGTGCCCG
 TGTACCGCGGTTCTCCCTCTGTGAGGGACTGGATGCCGAACAATCACTCCGTCATCTGATTGATGATT
 TGAGTCTCCTCAGAAGCTGGCAGAGTTTATTGACTTTCTGGACAAGAATGATGAGGAGTATATGAAATAC
 CTGGCATACAAGCAACCTGGGGGCATACCAACCAATTTCTTCTGGATAGTCTGAAGCATCGGGAGTGGG
 GAGTGAATGATCCTTTGCTGCCTAACTACCTCAACGGCTTCGAGTGTTCGCTGTGACTACGAACTGGC
 TCGGCTGGATGCCGAGAAAGCCACGCGCGCTCTCCCGGGACAGCCCGCTCTTTGAGCCCCACATTGCC
 CAGCCCTCACACATGGACTGCCAGTGCCACACCTGGCTTTGGCAATGTGGAAGAGATTCTGAGAATG
 ACAGCAGTCTTGCCAAGTTAGAGACCACTGTATCTGCTTAAGATTTCTTTGGCCCCACTCGGAAAAAG
 CAGGACTCATACTATGCTGCAGTTCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238449 representing NM_001284194
 Red=Cloning site Green=Tags(s)

MAAGPIRVVLVLLGVLSVCAASGHGSAEREAGGEAEWAEPWDGAVFRPPSALGAVGVTRSSGTPRPGRE
 EAGDLPVLLWWSPLFPHPGDSERIECARGACVASRNRRLRDSRTRALLFYGTDFRASAAPLPRLAHQ
 SWALLHEESPLNNFLLSHGPGIRLFNLSTFSRHSYPLSLQWLPGTAYLRRPVPPMERAEEWRRRGYAP
 LLYLQSHCDVPADRDYVRELMRHIPVDSYGKCLQNRELPARLQDTATATTEDPELLAFLSRYKFHLAL
 ENAICNDYMEKLWRPMLHGAVPYRGSPSVRDWMPNNHSVILIDDFESPKLAEIFIDFLDKNDEEYMKY
 LAYKQPGGITNQFLDSLKHREWGVDPLLPNYLNGFEFVCDYELARLDAEKAHAASPGDSPVFEPHIA
 QPSHMDCPVPTPGFGNVEEIPENDSSLVQVRDHCICLRFWPHSEKGRTHNYAAVP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001284194

ORF Size: 1428 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001284194.1](#), [NP_001271123.1](#)

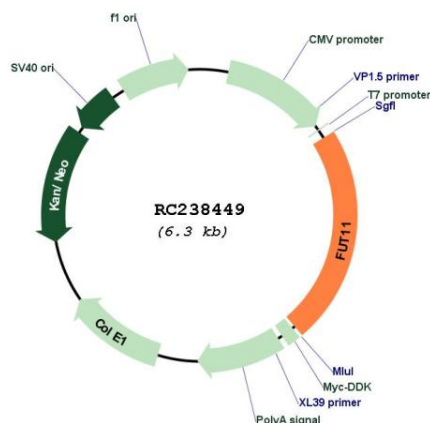
RefSeq Size: 2191 bp

RefSeq ORF: 1431 bp

Locus ID: 170384

UniProt ID: Q495W5
 Cytogenetics: 10q22.2
 MW: 54 kDa
 Gene Summary: Probable fucosyltransferase.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC238449