

Product datasheet for **MC202410**

Fut10 (NM_134161) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fut10 (NM_134161) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fut10
Synonyms:	fuc-TX; fut10A
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC062113 sequence for NM_134161
 AGAGCTCAGGCGCGTAAATAGAAAGTGAGGACTCTGGGGAGTGGGTAGAGCGTCCCGCATCCCCCGAGG
 ATTGTTGGAGGATTGTTGAGGTACAGTGTCTGGGACTTGTGTTGCTGCCCTGATGCCTAAGTGTTTTGG
 ATGGCACCGTGTCTGAGGACTCCAGCTGTTCTGATGATAGCCTAAGAAGATTGCATGCTGTTCCCTCTCC
 TTGCCAAGCCAGGCCATTCCGAACTTGGCTCTGGTCCTTCATGGAGACCAGCTCCTGGCAGGAACT
 GGCACCCCGATGTTTCTCCATGTGAAGCTGTCTCTGGCTGTGGGCTGACTAGAGGACACCTTGTGGCCA
 GGCCAGCCCTTTGTCAGTCATCCGGGTGCGGGCAGCATGGTCCGGTTTCAGAGGAGGAAGCTTCTGGCCT
 CTTGCCTGTGTGTGACAGCGACTGCTTTCTGATGGTCACACTCCAGGTAGTGGTTGAGCTTGGGAAATT
 TGAAGGAAGAAGCTTAAAGACTCCAATGTGCAAGACGGACATAGAGATGTGGAGGGAGAGCCTAAACAC
 CTGGAGCCGTTTCTGAAAAGGAAGCACTGGCCTTGGCTGGGAGGACAAAAGTGGATGCTGGTAGCTACC
 CCATCGTGTGTGGTGGTCCCACTGACTGGAGAGACTGGCAGGCTTGGCCAGTGTGGGGCAGATGCTTG
 CTTCTTTACCATCAACAGGACCTTCCAGCATCATCCGATGACCAGGGCCTTCTATTCTACGGTACTGAC
 TTTAACATAGACAGCTTACCTTTGCCTCGGAAGCCCATCATGACTGGGCGCTTTTCCATGAAGAGTCCC
 CCAAAAAAATTATAAGCTCTTCCATAAACCAGTCATCACCTTATTCAACCATACGGCCACATTCAGCAG
 GCATTCCTACTTGGCACTGACTACGCAGTACCTGGAAGGCGTGGACGCTCCTGAAGTCACTCAGATACCTA
 GTTCCTTTACAGGCTAAGAACAACCTAAGACAAAAAAGTGGCCCAATTGGTATATGTTTCAGTCCGACTGCG
 ATCCACCATCAGACAGGGACAGCTATGTCCGGGAGCTGATGGCGTACATTGAAGTTGATTCTATGGCGA
 GTGTTTACAGAACAGAGATCTTCCCAGCAGCTGAAAAACCCCGCTCCATGGATGCTGATGCTTTCTAC
 AGAGTCATTGCCAGTATAAGTTCATCCTGGCCTTTGAGAATGCGGTCTGTGACGATTACATCACAGAGA
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 AGACTGGATTATGACGATGGGTTGTATGAGACCTATGTAGAGTGAAGCTAAAGGGCAAGATCTCTAACC
 AGCGGCTTCTGACAGCTCTCAATGAACGGGAGTGGGGTGTGACAGGACATTAACCAGGACAACACTACATTGA
 CTCGTTTGAGTGTATGGTGTGCCGAGGGTGTGGGCAACAGTAGGCTGCAGGAGCAGGTGAGTGAATGG
 AAATCTGGGGGCTGGCATGGGCCGTCTCTGTGTGGTCTGGTCTTCTCTGTGGTGGTTGCCTGCCA
 CAGGGCTCTATTCTAGCAGAGAAGTGGGCCACACAAGAAGATAGAAGGTCACTCTGCTCTTTGGGGATG
 CTGGCATGCTTACAGCCAGGACCTCTGAAGCCCTTTCAGTTTCTTGTCTCTTCTGAAGGATGCTTTGGT
 ACAGTGTGGCATTGGCACAGGGGCTGCAGAGAAAGGGAGAAGGTCCCTGCCACCCGCATGGGCAACCC
 TGTAACCTCTCCATCGATACTGTTGTTAAGGAGCCCATGATTTGTCCAGCCCCCTTCACTCAAGCCAC
 AACCTGCCATCAGCCTGCCATCAAACCTCATATTGTACATACAGTTAGCTACCTTTGTCTCCATTCTTGAT
 CTTGTTCTTTCTAATATCTACTTGTGCTTACTAATTCTTAAGGCTTGGAGCAGAAGTATTTCAAATTTG
 AAGGTGTCCAAAATGTAATCATTACAGAGACAGTTCGCCATTTCTCATTCCCAAATCCCAAACCTGAA
 ATGCTATAAAAATCACAAAGTTTTGAATGTTGCTTTGTTGCCAAAATGTTTCAGACTTTGGGGCACTTTG
 AATTTTCATATATTCACCTCTCATGCGAGGGATGCTCAGCTTGAAGTGTTTTCAGGACTTAGATGAGAGA
 TGCTCAACCTGCATTAAGAATTCAAATAACAATGAGGCTCATGTCATAGGGCAAAGACCCAAGGACCACT
 TGACAAAACCAGAGTATGAATTTGAGAGCATTTAAGCGCACTGGTCCATGACTGCCAGAGAGAAAAT
 AGTTCTCACAGAGCATCCCCACTACTTCTGCAGAGAGCTTTTAAAGGCAGAAAATCCATATCTAGGTAG
 TCAGTTGCAAGTGGCAGTGGAGCAAGCAACAGTTTAAACAGAAGTAAAACCTTGCAGTTAGATGTGGCAT
 CTTGACCTCCAGTCAACTTTAAAGGGACTTTCCACAGGAAGGGATTTAAACATCGAGTCAGCTGAG
 TCAGCTTGTAGATGGCTGCAGTAGAGACGGAGGGCAGTCACACTAAGCCTGAAGAATCGTCTCTCCTT
 AAAGTATTATAAAAATGGCTTATGACGGCTTCAAGATCTTAAAGTCTTTGGATACATGCTTGCATAGCAA
 ATAGCCCCACTCTCTGCATGACTGAATCTATTAAGATGGTATTTATTGAAGGAAATGAAAAGGCTAGATT
 TAGTTTCTTACAAAATTAAGAAGGCTCCGCACATAGTATTTTCTGCCACCTATCATTATCTTTTCTGCC
 AAATAAATACATCTTACCTGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_134161
Insert Size: 1311 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:	<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:	BC062113 , AAH62113
RefSeq Size:	2978 bp
RefSeq ORF:	1311 bp
Locus ID:	171167
UniProt ID:	Q5F2L2
Cytogenetics:	8 A3
Gene Summary:	Probable fucosyltransferase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR and includes a 3' terminal exon that extends past a splice site used in variant 1. It encodes isoform b which is shorter and has a distinct C-terminus, compared to isoform a. Variants 3 and 4 encode the same protein.