

Product datasheet for **MC200696**

Fut8 (NM_016893) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fut8 (NM_016893) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fut8
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC010666 sequence for NM_016893
 CCGACGGTCTGTGCGGAGGTAGCCCTTCGGCACTCGGCTCAGCATCGCGGGCGTCAGGATCCCCGAGTGCG
 AGCGGGTGTGCTGTTCTGGCTGAGGCCATCTATGGCCCTGGTAGTGTTCATTCAAGACAAAGTCCATTC
 CATCTTTATTTATTAGCTGAGCAAATTCAGATATAAAAAGATCTTGAGAAAATGTAAATGCTCTGTGTCAG
 AGAATGCTCATGTTGCTTGGTAGAGATTCCTGCTGTTACTCTGGGCACGTAATAATTTTCAAGACCCAG
 ATTCAAGCAATAAAACATTTCTCTGCAATACCATGTGGTTTTCTTCAACATCATAATTTATGGGGAGGA
 AGCATGTAGGATCCATGAAGCACAGGACATCAAGCCTCCCGCCGCGTCACCAGGAAGATCTCTTTGTA
 AGAATAACCACAGGATTGATTTCCAGAGAGATTAGCCTGTCTGAAGCATTATGTGTTGAAGCAAAAAGAAA
 CCTATTTTCTGTGGCTAACTAGAACCAGAGTACAATGTTTCCAGTCTTTGAGCTCCAGGAAGATAG
 AGGACAGAGTTGAAACTCTGAAAATGCGGGCATGGACTGGTTCCTGGCGTTGGATTATGCTCATTCTTTT
 TGCCTGGGGACCTTGTTATTTTATATAGGTGGTCATTTGGTTCGAGATAATGACCACCCTGATCACTCC
 AGCAGAGAACTCTCCAAGATTCTTGCAAAGCTTGAACGCTTAAAACAGCAAAATGAAGACTTGAGGCGAA
 TGGCTGAGTCTCTCCGAATACCAGAAGGCCCATTGACCAGGGGACAGCTACAGGAAGAGTCCGTGTTTT
 AGAAGAACAGCTTGTAAAGGCCAAAGAACAGATTGAAAATACAAGAAACAAGCTAGAAAATGGTCTGGGG
 AAGGATCATGAAATCTTAAGAAGGAGGATTGAAAATGGAGCTAAAGAGCTCTGGTTTTTCTACAAAGCG
 AACTGAAGAAATTAAGCATTAGAAAGGAAATGAACTCCAAGACATGCAGATGAAATCTTTTGGATTT
 AGGACACCATGAAAGGTCTATCATGACAGATCTATACTACCTCAGTCAAACAGATGGAGCAGGGGATTGG
 CGTGAAAAGAGGCCAAAGATCTGACAGAGCTGGTCCAGCGGAGAATAACATATCTCCAGAATCCTAAGG
 ACTGCAGCAAAGCCAGGAAGCTGGTGTGTAACATCAATAAAGGCTGTGGCTATGGTTGTCAACTCCATCA
 CGTGGTCTACTGTTTCATGATTGCTTATGGCACCCAGCGAACACTCATCTTGGAACTCAGAAATGGCGC
 TATGCTACTGGTGGATGGGAGACTGTGTTAGACCTGTAAGTGAGACATGTACAGACAGATCTGGCCTCT
 CCACTGGACACTGGTCAGGTGAAGTAAATGACAAAAACATTCAAGTGGTCGAGCTCCCCATTGTAGACAG
 CCTCCATCCTCGGCCTCCTTACTTACCCTGGCTGTTCCAGAAGACCTTGACAGCCGACTCCTAAGAGTC
 CATGGTGACCCTGCAGTGTGGTGGGTGCCAGTTTGTCAAATACTTGATTTCGTCCACAACCTTGGCTGG
 AAAAGGAAATAGAAGAAGCCACCAGAAGCTTGGCTTCAAACATCCAGTTATTGGAGTCCATGTCAGACG
 CACAGACAAAGTGGGAACAGAAGCAGCCTTCCACCCCATCGAGGAGTACATGGTACACGTTGAAGAACAT
 TTTTCAGCTTCTCGCACGCAGAATGCAAGTGGATAAAAAAGAGTATATCTGGCTACTGATGATCCTACTT
 TGTAAAGGAGGCAAAGACAAAGTACTCCAATTATGAATTTATTAGTGATAACTCTATTTCTTGGTCAGC
 TGGACTACACAATCGGTACACAGAAAATCACTTCGGGGTGTGATCCTGGATATACACTTTCTCTCACAG
 GCTGACTTTCTAGTGTGTACTTTTTCATCCAGGTCTGTGGGTGCTTATGAAATCATGCAAACCCTGC
 ATCCTGATGCCTCTGCGAACTTCCATTCTTTGGATGACATCTACTATTTTGGAGGCCAAAATGCCACAA
 TCAGATTGCTGTTTATCCTCACAAACCTCGAACTGAAGAGGAAATCCAATGGAACCTGGAGATATCATT
 GGTGTGGCTGAAACCATTGGGATGGTTATTCTAAAGGTATCAACAGAAAACCTTGAAAAACAGGCTTAT
 ATCCCTCTACAAAGTCCGAGAGAAGATAGAAACAGTCAAGTATCCACATATCCTGAAGCTGAAAAATA
 GAGATGAAGTAGAAGAGATTAACAACAGAAGTCACTTCAGACCATCTCGGCCAAGCAGAAGACGCAGACT
 AACACGTGGTTCATTGATAGACACGCTCCACACCAAGAGCAAGCGGGAACCTCAGATGCTGCACTGGTG
 GAACGCCTCTTTATGAAGGGCTGTGGTGCCTCAAGCCCATACACAGTACAATAATGTACTCACACATAA
 CACGCAAAGGGATTATTTTCTACTTTGCCCTTAAATATTATGTCCCATGAACAAACTGCCACAT
 TGTGTAATTTAAGTGACACAGACATTTTGTGTGAGACTTAAAACATGGTGCCTATATCTGAGAGACCTCT
 GTGACTTACCGAGAAGATGTGAACAGCTCCCTTCTCTGGGGAAGCTGGTGGTGGTGGCCACTGAATTC
 ACTCCAGTCAACAGATTCAAATGAGAATGGATGTTTTTCTTTATATGTTGTCTGGATTTTTTTTTTAA
 GTAATTTTCATCAGTTCAGTTTATCCACCTCATCTAATAAATGAAGGATGCATCAATAAAAATAAATGA
 AATATTTACTCTCATTAGGAAGTTTTGTAAAACAATGCCATGAACAAATCTTTAGTACTCAATGTTTC
 TGGACATTCTTTGATAACAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_016893
Insert Size: 1728 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:	BC010666 , AAH10666
RefSeq Size:	2976 bp
RefSeq ORF:	1728 bp
Locus ID:	53618
UniProt ID:	Q9WTS2
Cytogenetics:	12 C3
Gene Summary:	Catalyzes the addition of fucose in alpha 1-6 linkage to the first GlcNAc residue, next to the peptide chains in N-glycans.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1). Variants 1 and 2 encode the same isoform.