

Product datasheet for **MC208013**

Fut9 (NM_010243) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fut9 (NM_010243) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fut9
Synonyms: A1746471; AU067636; mFuc-TIX; mFUT9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208013 representing NM_010243
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACATCAACATCCAAAGGCATTCTTCGCCATTTCTAATCGTCTGCATCATCCTGGGCTGCTTCATGG
CATGTCTGCTCATTTATATCAAGCCACCAACAGCTGGGTCTTCAGTCCAATGGAGTCTGCAAGTCTGT
GCTGAAAATGAAAATTTCTTCCACAAAACCTGATTATTTAACGAACTACCATTCTGGTTTGGGTA
TGGCCATTTGGGAGACCTTTGACCTTACATCCTGCCAAGCAATGTTCAATATCCAAGGGTGCCATCTCA
CAACAGACCGCTCATTGTACAACAAATCCCATGCGGTCCTGATTACCATAGAGACATCAGCTGGGATCT
GACTAACTTACCTCAGCAGGCCAGGCCACCCTTTCAGAAATGGATTTGGATGAATTTAGAGTCAACCCACT
CACACCCCAAAAGAGTGGCATTGAACACTTGTCAACCTGACTCTAACTTATCGCCGTGATTCAGATA
TCCAAGTGCTTATGGCTTCTTGACGGTGAGCACAAATCCCTTTGTGTTGAAGTGCCAAGCAAGGAGAA
GTTGGTGTGCTGGGTTGTGAGTAACTGGAACCTGAGCATGCCAGGGTCAAGTATTACAACGAGCTCAGC
AAGAGTATTGAAATCCACACCTATGGCCAAGCATTGCGAGAATACGTGAACGATAAAAAATCTGATCCCA
CCATATCTACTTGTAAATTTTATCTTTCAATTTGAAAACCTCAATTCACAAAGATTACATCACAGAAAAGCT
CTACAATGCATTTTGGCTGGTTGAGTACCTGTTGTCCTGGGTCCATCTAGGGAAAACCTATGAGAATTAT
ATTCCAGCTGATTCATTATCATGTGGAAGATTTTAACTCTCCAGTGAGTTAGCAAAATATCTGAAGG
AAGTTGACAAAAACAATAAGTTGTACCTTAGTTACTTTAACTGGAGAAAGGATTTTACTGTAAACCTACC
ACGGTTTTGGGAATCACATGCATGCCTGGCATGCGACCATGTAAAAAGGCATCAAGAATATAAGTCTGTT
GGTAATTTAGAGAAATGGTTTTGGAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010243



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Insert Size:	1080 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_010243.3 , NP_034373.1
RefSeq Size:	11990 bp
RefSeq ORF:	1080 bp
Locus ID:	14348
UniProt ID:	O88819
Cytogenetics:	4 10.59 cM
Gene Summary:	Transfers a fucose to lacto-N-neotetraose but not to either alpha2,3-sialyl lacto-N-neotetraose or lacto-N-tetraose. Can catalyze the last step in the biosynthesis of Lewis antigen, the addition of a fucose to precursor polysaccharides.[UniProtKB/Swiss-Prot Function]