

Product datasheet for **MC208514**

Fut7 (NM_001177366) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fut7 (NM_001177366) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fut7
Synonyms: AI853193; FTVII; Fuc-TVII; FucT-VII
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208514 representing NM_001177366
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCAACCCCTGCCACCAGCCTGCCTGTCCACGCCAGGGACACAGACTCCTTCCCTTTCCAGACT
GGAAAGCCCCCTCTGGGAGAGCAGGAAGGAAGCAACCTGCAACTCTCCAGCCCTGGACCTTGGGCTGA
ACCTACAGTTCAAGGGTACCACCCACCAGGAGCTGCGGGCCTGGGGCGCCTAGCTGGAGGAGCAACA
TTCATGGTAATTTGGTTTTCTGGCTGTGGGATCAGCTCCTGGAAGTGCCCTGTGCCTCAGTCCACAC
TCACCATCCTTATCTGGCACTGGCCTTTCACCAACCGGCCCGCAGAGCTACCTGGTGACACTGCACTCG
CTATGGCATGGCCAGCTGCCGTCTGAGTGCTAACCAGGAGCTGCTAGCCAGTGCTGATGCTGTGGTCTTC
CACCACCGTGAGCTGCAAACCGGCAATCTCTCTACCCCTGGACCAGAGGCCACACGGACAGCCTTGGG
TCTGGGCTCCATGGAATCGCCAGTAATACCCATGGTCTCCATCGCTTCCGGGGCATCTCAACTGGGT
GCTGAGCTATCGGCGTGATTCAGATATCTTTGTACCCTACGGTCGCTTGGAGCCTCTCTCTGGGCCACA
TCCCCACTACCGCCAAAAGCAGGATGGCTGCCGGGTGATCAGCAATTTCCAGGAGCGGCAGCAGCGTG
CAAAGCTGTACCGGCAGCTGGCCCTCATCTGCAGGTGGATGTGTTCGGTCGCCAGCGGACGGCCCT
ATGCGCTAATTGTCTGCTGCCACTTTGGCCCGTACCGCTTCTACCTGGCCTTTGAGAAGTACACAGCAT
CGGGACTACATCACTGAGAAGTTCTGGCCAATGCCCTGGCGGCTGGTGCTGTACCCGTGGCGCTGGGAC
CTCCTCGGGCCACCTACGAGGCTTTTGTGCCACCAGATGCCTTTGTACACGTGGACGACTTCAGCTCTGC
CCGTGAACTGGCTGTCTTCTCGTCAGCATGAATGAGAGTCGTTATCGTGGCTTCTTTGCTTGGCGAGAC
CGGCTCCGTGTGGGCTCCTGGGTGACTGGAGGGAGCGCTTCTGCACCATCTGTGCCGCTACCCCTACT
TGCCCCGACCCAGGTCTATGAAGACCTTGAAGCTGGTCCAGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001177366
Insert Size:	1170 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:	<u>NM_001177366.1</u> , <u>NP_001170837.1</u>
RefSeq Size:	1764 bp
RefSeq ORF:	1170 bp
Locus ID:	14347
UniProt ID:	<u>Q11131</u>
Cytogenetics:	2 A3
Gene Summary:	<p>Catalyzes alpha-1,3 glycosidic linkages involved in the expression of sialyl Lewis X antigens. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) encodes the longer isoform (b). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>