

## Product datasheet for **MC227558**

### Fut8 (NM\_001252615) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fut8 (NM\_001252615) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Fut8  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227558 representing NM\_001252615  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACAGATCTACTACCTCAGTCAAACAGATGGAGCAGGGGATTGGCGTGAAAAAGAGGCCAAAGATC  
 TGACAGAGCTGGTCCAGCGGAGAATAACATATCTCCAGAATCCTAAGGACTGCAGCAAAGCCAGGAAGCT  
 GGTGTGAACATCAATAAAGGCTGTGGCTATGGTTGTCAACTCCATCACGTGGTCTACTGTTTCATGATT  
 GCTTATGGCACCCAGCGAACACTCATCTTGAATCTCAGAATTGGCGCTATGCTACTGGTGGATGGGAGA  
 CTGTGTTTAGACCTGTAAGTGAGACATGTACAGACAGATCTGGCCTCTCCACTGGACACTGGTCAGGTGA  
 AGTAAATGACAAAAACATTCAAGTGGTCGAGCTCCCCATTGTAGACAGCCTCCATCCTCGGCCTCCTTAC  
 TTACCACTGGCTGTTCCAGAAGACCTTGCAGACCGACTCCTAAGAGTCCATGGTGACCCTGCAGTGTGGT  
 GGGTGTCCAGTTTGTCAAATACTTGATTTCGTCCACAACCTTGGCTGGAAAAGGAAATAGAAGAAGCCAC  
 CAAGAAGCTTGGCTTCAAACATCCAGTTATTGGAGTCCATGTACAGCGCACAGACAAAGTGGGAACAGAA  
 GCAGCCTTCCACCCATCGAGGAGTACATGGTACACGTTGAAGAACATTTTCAGCTTCTCGCACGCAGAA  
 TGCAAGTGGATAAAAAAAGAGTATATCTGGCTACTGATGATCCTACTTTGTTAAAGGAGGCAAAGACAAA  
 GACTCCAATTATGAATTTATTAGTGATAACTCTATTTCTTGGTCAGCTGGACTACACAATCGGTACACA  
 GAAAATCACTTCGGGGTGTGATCCTGGATATACACTTTCTCTCACAGGCTGACTTTCTAGTGTGACTT  
 TTTATCCAGGTCTGTGGGTTGCTTATGAAATCATGCAAACCTGCATCCTGATGCCTCTGCGAACTT  
 CCATTTCTTGGATGACATCTACTATTTTGGAGGCCAAAATGCCCAATCAGATTGCTGTTTATCCTCAC  
 AAACCTCGAAGTGAAGAGGAAATCCAATGGAACCTGGAGATATCATTGGTGTGGCTGGAAACCATTTGGG  
 ATGGTTATTCTAAAGGTATCAACAGAAAACCTTGGAAAAACAGGCTTATATCCCTCTACAAAGTCCGAGA  
 GAAGATAGAAACAGTCAAGTATCCACATATCCTGAAGCTGAAAAATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



[View online »](#)

<b>ACCN:</b>	NM_001252615
<b>Insert Size:</b>	1239 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_001252615.1, NP_001239544.1</u>
<b>RefSeq Size:</b>	2086 bp
<b>RefSeq ORF:</b>	1239 bp
<b>Locus ID:</b>	53618
<b>UniProt ID:</b>	<u>Q9WTS2</u>
<b>Cytogenetics:</b>	12 C3
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (3) has an alternate 5' UTR and lacks an in-frame portion of the 5' coding region, compared to variant 1. The resulting isoform (2) has a shorter N-terminus, compared to isoform 1.</p>