

## Product datasheet for **RN208441**

### **Fut11 (NM\_173308) Rat Untagged Clone**

#### **Product data:**

|                           |                                      |
|---------------------------|--------------------------------------|
| Product Type:             | Expression Plasmids                  |
| Product Name:             | Fut11 (NM_173308) Rat Untagged Clone |
| Tag:                      | Tag Free                             |
| Symbol:                   | Fut11                                |
| Synonyms:                 | MGC94472                             |
| Mammalian Cell Selection: | Neomycin                             |
| Vector:                   | pCMV6-Entry (PS100001)               |
| E. coli Selection:        | Kanamycin (25 ug/mL)                 |



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**Fully Sequenced ORF:** >RN208441 representing NM\_173308  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**

ATGGCCGCTCGCTACACCGAGGCGGTGTTGGCCGCCCTGGGGTGCTCAGTGTCTGTTCCGCCAGCAGCA  
 GCTCCGGGTCTGGGGCATCGGGGAAGCGGGTGGGGAGGCTGAGTGGCGGAGCCGTGGATGGCGCGGT  
 TTTCCGGCCGCCGGTGCATTAGGAGCCGTGGGGATGACGCGCGGGCTGGGATCACCGCCGCCGGGAAC  
 GCAGAGACCGTGGACCTACCACTGTTGCTGTGGTGGAGTCCAGGCCTGTTCCGCACTTCCAGGTGACT  
 CGGAGCGCATAGAGTGTGCGCTCGGCGCGTGCCTGGCGTCCCGGGATCGACGGGCGCGCGCCGACCCGCG  
 GACGCGCGCATTGCTTTTTACGGCACAGACTTCCGCGCGGTGACGCACCCCTGCCGCGCTGGCGCAC  
 CAGAGCTGGGCGTCTGCACGAGGAGTCGCCACTCAACAATTCCTGCTGAGCCACGGCCCGGCATCC  
 GCCTCTTCAATCTCACGGCCACCTTCAGCCGCCACTCGGACTATCCGCTGCCGTTGCACTGGCTGCCTGG  
 GCGGCCCTATTTGCGCCGCCCGCACCTCCGCTCCGGGAGCGCGCGGAATGGCGTCGCCGCGGGTACGCG  
 CCGCTGCTCTATTTGCAGTCCCCTGCGACGTGCCTTCCGACCGGACCGCTACGTACGCGAGCTCATGC  
 GCTACATCCCGGTGGATTCTATGGCAAGTGCCTGCAGAACCGCGAGCCGCCACCGTGCCTTACAGGA  
 CACAGTACCGGCCACCGAGGATCCAGAATCATGGCTTTTTGTCCCGCTATAAGTTCCACTTGGCC  
 ATGGAAAATGCCATCTGCAATGATTACATGACAGAAAACTGTGGCGCCCATGCATCTGGGTGCTGTGC  
 CTGTGTATCGTGGATCACCTCTGTGAGGGACTGGATGCCAATAATCACTCCGTCATCCTAATTGATGA  
 CTTTGAGTCCCTCAAAGTTGGCAGAGTTTATTGACTTTCTGGACAAAAACGATGAAGAGTATATGAAA  
 TACCTGGCGTACAAGCAGCCTGGGGCATCACCAACAGTTTCTTCTGGATAACCTGGAGCACAGGGAGT  
 GGGGAGTGAATGATCCCATGTTGCCCACTACCTCAATGGCTTTGAGTGTTCGTCTGTGACCATGAAT  
 GGCTCGGCTGGATGCCGAGAAAGCACATGAATCCTCTCCTAGGGACATTCTGTCTTGAGCCTCACATT  
 GCTCAGTTGTACACATGGACTGTCCAGTGCCTACCCCTGGCTTTGGGAAAGTCGAAGAGATTCTTGAGA  
 ACGACAGCTGGAAGGAAATGTGGCTACAAGATTACTGGCAAGTCTCTATCAGGGGGAAGCTCTCACTGC  
 CATGATCCACAACATGAGACACAGCAGAGCAATTTGGGATTACGTACACGAGATCTTCATGAAAAGG  
 AATAAAATCT**CTAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_173308

**Insert Size:** 1485 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).

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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_173308.2, NP_775430.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>RefSeq Size:</b>           | 1534 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1485 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 286971                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>            | <u>Q68FV3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 15p16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Summary:</b>          | Probable fucosyltransferase.[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                                                                                             |