

Product datasheet for **RN213334**

Fut8 (NM_001002289) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fut8 (NM_001002289) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fut8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213334 representing NM_001002289
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATCGGGCATGGACTGGTTCCTGGCGTTGGATTATGCTCATTCTTTTGCCTGGGGACCTTGTGTTTT
 ATATAGGTGGTCATTTGGTTCGAGATAATGACCACCCTGATCACTCTAGCAGAGAACTCTCCAAGATTCT
 TGCAAAGCTTGAACGCTTAAAACAACAAAATGAAGACTTGAGGCGAATGGCTGAGTCTCTACGAATACCA
 GAAGGCCCATTTGACCAGGGGACGGCTACGGGAAGAGTCCGTGTTTTAGAAGAACAGCTTGTAAAGGCCA
 AAGAACAGATTGAAAATTACAAGAAACAAGCCAGAAATGGTCTGGGGAAGGATCATGAACTTAAAGGAG
 GAGGATTGAAAATGGAGCTAAAGAGCTCTGTTTTTTCTACAAAGTGAAGTGAAGAAATTAAGCATCTA
 GAAGGAAATGAACTCCAAAGACATGCAGATGAAATCTTTGGATTTAGGACACCATGAAAGGTCTATCA
 TGACGGATCTATACTACCTCAGTCAAACAGATGGAGCAGGGGATTGGCGTAAAAAGAGGCCAAAGATCT
 GACAGAGCTGGTCCAGCGGAGAATAACTTATCTCCAGAATCCCAAGGACTGCAGCAAAGCCAGGAAGCTG
 GTGTGTAACATCAATAAGGGCTGTGGCTATGGTTGCCAACTCCATCACGTGGTCTACTGTTTCATGATTG
 CTTATGGCACCCAGCGAACACTCATCTTGAATCTCAGAATTGGCGCTATGCTACTGGTGGATGGGAGAC
 TGTGTTTAGACCTGTAAGTGAGACATGCACAGACAGATCTGGCCTCTCCACTGGACACTGGTCAGGTGAA
 GTGAATGACAAAAATATCAAGTGGTGGAGCTCCCCATTGTAGACAGCCTCCATCCTCGGCCCTCTTACT
 TACCACTGGCTGTTCCAGAAGACCTTGCAGATCGACTCGTAAGAGTCCATGGTGATCCTGCAGTGTGGTG
 GGTGTCCAGTTCGTCAAATATTTGATTCGTCCACAACCTTGGCTAGAAAAGGAAATAGAAGAAGCCACC
 AAGAAGCTTGGCTTCAAACATCCAGTCACTGGAGTCCATGTGAGACGACAGCAAAGTGGGAACAGAGG
 CAGCCTTCCATCCATCGAAGAGTACATGGTACATGTTGAAGAACATTTTCAGCTTCTCGCACGCAAT
 GCAAGTGGATAAAAAAGAGTATATCTGGCTACCGATGACCCTGCTTTGTTAAAGGAGGCAAAGACAAAG
 TACTCCAATTATGAATTTATTAGTGATAACTCTATTTCTTGGTCACTGGATTACACAATCGGTACACAG
 AAAATTCACTTCGGGGCGTGATCCTGGATATACACTTTCTCTCAGGCTGACTTCTAGTGTGACTTTT
 TTCATCCAGGTCTGTGGGTTGCTTATGAAATCATGCAAACCCTGCATCCTGATGCCTCTGCAAATTC
 CACTCTTTAGATGACATCTACTATTTGGAGGCCAAAATGCCACAACCAGATTGCCGTTTATCCTCACA
 AACCTCGAACTGATGAGGAAATCCAATGGAACCTGGAGATATCATTGGTGTGGCTGAAACCATTGGGA
 TGGTTATTCTAAAGGTGTCAACAGAAAACCTGGAAAAACAGGCTTATATCCCTCTACAAAGTCCGAGAG
 AAGATAGAAACAGTCAAGTATCCACATATCCTGAAGCTGAAAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001002289

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:

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_001002289.1](#), [NP_001002289.1](#)

RefSeq Size: 1728 bp

RefSeq ORF: 1728 bp

Locus ID: 432392

UniProt ID: [Q6EV76](#)

Cytogenetics: 6q24

Gene Summary: may have fucosyltransferase activity [RGD, Feb 2006]