

Product datasheet for **RN210375**

Fut2 (NM_031635) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fut2 (NM_031635) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fut2
Synonyms:	Ftc; Futb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210375 representing NM_031635 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCAGCGCCAGGTTCTTTCTCTTTCTCTGGCCACTTCTCATCTTTGTCTTCGTGACTTCCA
CCATCATCCACCTCCAGCAGCGAATAGTGAAGTCCAACCCCTGTGAGAGAAGGAATTACCGATGACGAC
TCAAATGTCCTCGGAAACACAGAAAGCCAGAGATGCGACGGGACAGCGAGCAGCATGGGAATGGAGAG
CTGCGGGGCATGTTACGATCAATTCATTGGCCGGCTGGGGAACCAGATGGGCGAATACGCCACTCT
TTGCACTGGCCAGGATGAACGGACGGCTTGCCTTCATCCCGCATCCATGCACAACGCTCTAGCGCCAT
CTTCAGGATCAGCCTCCCGGTGTTACACAGCGACACGGCCAAAAGATCCCATGGCAGAATTACCATCTC
AACGACTGGATGGAGGAGCGTTACCGCCACATTCGGGACACTTTGTGCGCTTACCGGATACCCGTGCT
CCTGGACCTTCTACCACCCTGCGCCAGAGATCCTGAAGGAGTTCACCTGTCATGACCACGTGCGGGA
GGAGGCCAGGCCTTCTGCGTGGTCTGCGGGTGAATGGGAGCCAGCCGAGTACTTTGTGGGTGCCAT
GTGCGCCGAGGGGACTATGTCATGTGCCTAATGTGTGGAAGGCGTGGTGGCTGACCGGGTTACC
TGAAAAGGCCCTGGATATGTTCCGGGCACGCTATTCATCTCCAGTCTTCGTGGTTACAAGCAACGGTAT
GGCTGTGTCGGGAGAACATTAATGCTTCCCGAGGAGACGTGGTGTTCGCGGGCAATGGTATTGAGGGG
TCGCCAGCCAAGGACTTCGCGCTGCTCACCCAGTGAACACACCATCATGACTATTGGGACCTTTGGGA
TTTGGGCTGCCTACCTGGCAGGTGGTATACCATCTACTTAGCCAACTACACCCTTCCGATTCTCCGTT
CCTCAAAGTCTTTAAGCCAGAGGACGCTTCTACCCGAATGGGTGGGCATCCCTGCCGATCTGTCCCA
CTCCTTAAGCACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_031635



[View online »](#)

Insert Size:	1065 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_031635.1</u> , <u>NP_113823.1</u>
RefSeq Size:	2984 bp
RefSeq ORF:	1065 bp
Locus ID:	58924
UniProt ID:	<u>Q10984</u>
Cytogenetics:	1q22
Gene Summary:	catalyzes the conversion of GDP-L-fucose and beta-D-galactosyl-R to GDP and alpha-L-fucosyl-(1,2)-beta-D-galactosyl-R [RGD, Feb 2006]