

Product datasheet for RN213948

Fut4 (NM_022219) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fut4 (NM_022219) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fut4
Synonyms:	Fuct
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213948 representing NM_022219 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCCGGCCGGCGAAAGCTACAGCATGAGAGCCGGTGCCGCCCTCACGGCCCGTGGACGCGTGCC
GAGCCCGCGGACCACTCGTGGGCGCTGCATGGGACCCAGGGCCCGCGACGCGCACGGCGCGGAGG
CTGGGATTACCCCGGACCTCCTCTGGGCTGGCAGCAGCGGGACTACTATGCACCGGTTGACTGCCTGC
CTCTGTTGGGACAGCTGCCGCCGCTGCCCTGGGCGTCCCGAGCCCGCAACGCCCGGTGAGTGTCTGC
TCTGGTGGGAACCCCTTGGGGGGCGCGCGGCCACTCCAAGCCTCCCCCGATTGCAGCCTGCGCTTCAA
CATCAGCGGTGCCGCTTGTCAACGACCGCGCGGCTACGGGGAGGCTCAAGCAGTGTCTTCCACCAC
CGCGACCTGGTGAAGGGACCCCCGACTGGCCCCGCCCTGGGGCGCCAAGAACGCACCGATGAGGCTC
CGGAGCTACGCGTGTTCGACGACCAGGAGGGAGCGGTGATGCTAGCTAGAGAAGCCCTGGAGACCACAGG
CTCTCGTCCCCGGGTGACGCGTGGGTGTGGATGAACTTCAATCACCCTCCACACTCCAGGGCTGCGG
GGCTTGCTAAGGACCTTTCAATTGGACTATCCTACCGACCGATTCCGATATCTTCGTGCCATATG
GTTCTCTATCCAGGAGCCATCCAGCCGAACAGCCTTCAGGTCTGGGCCCCCGCTGGCCCGCAAGCG
GGGACTGGTGGCCTGGTGTGAGCCACTGGAACGAGCGCCAGGCACGGGTCCGTTACTACCATCAGCTG
AGGCGGCACGTGTCTGTGACGTGTTTGGCCGGCGGGACCCGGACAACAGTGCAGCCGTGCGGTTGC
TGACACGGTGGCCCGCTACAAGTTTTACTGGCGTTTGGAACTCACAGCACGTGGATTACATCACTGA
GAAGCTGTGGCGAATGCCTTCTGGCTGGGGCCGTGCCAGTGGTACTTGGTCCCGATCGTGCCAACTAT
GAGCGCTTCGTGCTCGTGGTTCCTTCCATGTGGATGATTTCCCTAGTGTCTGCCTCCCTGGCTGCCT
ACCTGCTCTTCTGGACCGAAACGTGGCTGTCTATCGCCGCTACTTCCACTGGCGTCGGAGCTATGCGGT
GCACATCACTTCTTCTGGGATGAGCCATGGTGCCAGACATGCAGGGCCGTCCAGACCTCTGGGGACCAG
CCCAAGAGTATCCACAACCTTGGCAGACTGTTCCAGCGA**TGA**

AC**GGGCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
TTACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-NotI
ACCN:	NM_022219
Insert Size:	1302 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_022219.3</u> , <u>NP_071555.3</u>
RefSeq Size:	3962 bp
RefSeq ORF:	1302 bp
Locus ID:	60670
Cytogenetics:	8q12
Gene Summary:	displays fucosyltransferase activity for type 2 (Gal beta1-->GlcNac)-containing oligosaccharides and neolactotetraosylceramide [RGD, Feb 2006]