

Product datasheet for RN206101

Fut7 (NM_199491) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fut7 (NM_199491) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fut7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206101 representing NM_199491 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTTCAAGGGTGCCTCTGTTGGAGAGGCTGCTGTGATTTGAAAACCTCCTTTCCCTGGGTGACTAATT
CCAGAAGGCTCTGGATGAATTGTATTGGGTGCAACCCGCTGGAGGCTGCGGGCTGGGGTGTCTGGC
TGGAGGTACAACACTCATGGTAATCTGGCTCTTCTGGCTGCTGCGATCAGTTCCTGGGGTCCCCAGCG
CCCCAGCCACACTCACCATCCTTATCTGGCACTGGCCTTTCACCAACCGGTCGCCAGAGCTGTCTAGCG
ACACCTGCACTCGCTATGGCATGGCCAGCTGCCACCTGAGTGCTAACCGAGTCTGCTAGCCAGTGTGA
TGCTGTGGTCTTCCACCATCGTGAGCTGCAGACCCGGCACTCTCGCTGCCCTGGACCAGAGGCCGCAC
GGACAGCCTTGGGTCTGGGCCACCATGGAATCACCCAGTAATACCCATGGTCTCCGTCACTTCCGGGGCA
TCTTCACTGGGTGCTGAGCTATCGGCGTGATTCAGATATCTTTGTACCCTATGGTCGTTAGAGCCCTT
CTCTGGGCCTACGCCCCACTACCAGCCAAAAGCAGGATGGCTGCCTGGGTGGTCAGCAATTTCCAGGAG
CGGCAGCAGCGGGCAAAGCTGTACCGGCAGCTGGCCCCATCTGAAGGTGGATGTGTTCCGGTCGCGCCA
GTGGACGGCCCCGTGCCCTAACTGTCTGCTGCCCACTGTGGCCCGGTACCGCTTCTACCTGTCTTTGA
GAACTCACAGCACCGGGACTACATCACCGAGAAGTTCTGGCGCAATGCACTGGCCGCTGGCGCTGTGCC
GTGGTGTCTGGGACCTCCTCGGACTACCTACGAGGCTTTCGTGCCACCAGATGCCTTTATACACGTAGATG
ACTTCAGCTCTGCCCCTGAACTAGCTGTCTTCTTGTGTCAGCATGAATGAGAGTCGCTATCGTGGCTTCTT
TGCTTGGCGAGACCGGCTCCGTGTGCGGCTCCTGAATGACTGGAGGGAGCGCTTCTGCACCATCTGCGCC
CGCTACCTTACTTGCCCCGAGCCAGGTCTATGAAGACCTGAAAGCTGGTTCCAAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_199491
Insert Size:	1113 bp



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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:	NM_199491.1 , NP_955785.1
RefSeq Size:	2092 bp
RefSeq ORF:	1113 bp
Locus ID:	296564
UniProt ID:	Q712G6
Cytogenetics:	3p13
Gene Summary:	mouse homolog is an alpha(1,3)fucosyltransferase; may have a role in E- and P-selectin ligand expression in leukocytes [RGD, Feb 2006]