

Product datasheet for RN206749

Fut10 (NM_001012360) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fut10 (NM_001012360) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fut10
Synonyms:	fut10A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206749 representing NM_001012360 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTGCGGATCCGAGGAGGAAGCTTCTGCCATCTTGCCTTTGTATGACAGCCACTGTCTTTCTGATGG
TGACAGTCCAGGTAAGCTTGGAAATTTGAAAGGAAGAAGTTAAAACTCCGATTTGAAGA
TGGACAGAAAGATGTGGAGGGAGATCCCAAACACTTGAACCCACTTCTAAAAAGGACGCACTGGCCTTG
TCTGGGAGGAACAAGGTGGATGCTGGTAGCTACCCATTGTGCTGTGGTGGTCTCCACTGACTGGAGAGA
CTGGCAGGCTCGGCCAGTGTGGGCAGATGCTTGCTTCTTACTATCAATAGAACCTCCAGCATCATCC
TATGACCAAGGCCTTCTCTTATGGGACTGACTTTAACATAGACAGCTTACCTCTGCCTCGGAAAGCC
CATCATGACTGGGCCCTTTTTCAGGAAGAGTCCCCAAAAACAATTATAAACTCTCCACAAGCCAGTCA
TCACCTTATTCAACCATACGGCCACATTCAGCAGGCACTCCGACTTGGCACTGACTACACAGTACCTGGA
AAGTGTAGAAGTCTTGAAGTCACTCCGATACTTAGTTCCTTTACAGTCTAAAAACAACCTGAGACAAAA
CTGGCCCCACTGGTGTATGTTTCAGTCCGACTGTGATCCACCATCAGACAGGGACAGCTATGTTCCGGGAGC
TGATGGCTTACATTGAAGTTGATTCCATGGCGAGTGTTTACAAAACAACATCTCCCTCAGCAGCTGAA
AAACCCTGCCTCTATGGATGCTGATGCCTTCTACAGGGTCTTGCCAGTATAAGTTCATCCTTGCTTTT
GAGAATGCAGTCTGTGATGATTACATCACCAGAAAGTTCTGGAGACCACTGAAGCTGGGAGTGGTCCGG
TGTATTACGGATCTCCACCATCGCAGACTGGCTTCCAGTAACAGAAGTGCCATTCTTGTGTCAGAATT
TTCTCACCCAGAGAAGTGGCAAGCTTCTCAGGCGACTGGATTATGACGACGGATTGTATGAGACCTAT
GTGGAGTGAAGCTAAAGGGCGAGATCTTAACCAGCGACTTCTGACAGCTCTCCGGGAACGGGAGTGGG
GCGTGCAGGACATCAACCAGGACAACATGACACATTCGAGTGTATGGTGTGCCGAGGGTATGGGC
CAACAGGAGGCTACAGGAGCAGGTGAGTGGATGGAAGTCTGGTGGTGGCCGTGGGCTGTCTCTCGGTGTG
GTTCTGGTCTTCTTCTGTGGCTTGCCTGCCACTGTTCTCCATTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001012360
Insert Size:	1311 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_001012360.1</u> , <u>NP_001012360.1</u>
RefSeq Size:	1311 bp
RefSeq ORF:	1311 bp
Locus ID:	497619
UniProt ID:	<u>Q5F2L1</u>
Cytogenetics:	16q12.3
Gene Summary:	Probable fucosyltransferase.[UniProtKB/Swiss-Prot Function]