

Product datasheet for RN206462

Pofut1 (NM_001002278) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Pofut1 (NM_001002278) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Pofut1
 Synonyms: Fut12
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN206462 representing NM_001002278
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCGCCGCGTGGGCACCGTCACACCTGCTGCTGCGGGCGTCTTTCTGCTTCTGCTGCTGTTGC
 TGCCGCTGCCGCTCCGCGGGCGGGGGGCTCCTGGGATCTGGCCGGTACCTGCTCTACTGTCCCTG
 CATGGGGCGCTTTGGGAACCGGCTGATCACTTCTGGGCTCTCTGGCATTGCAAAGCTGCTGAACCGC
 ACCTTGGCTGTACCTCCATGGATTGAGTACCAACATCACAAGCCTCCCTTACCAACCTCCATGTGTCTT
 ACCAAAAGTACTTCAAACCTGGAGCCTCTCCAAGCCTACCATCGGGTTATCAGCCTGGAGGACTTCATGGA
 AAAGCTGGCACCCCTTCACTGGCCCCCTGAGAAGCGGGTGGCATACTGCTTTGAGGTGGCAGCCAGCGA
 AGTCTGTATAAGAAGACATGTCCATGAAGGAAGGAAATCCTTTTGGGCCATTCTGGGACCAGTTTCATG
 TGAGTTTCAATAAGTCAGAGTTGTTACAGGCATTTCTTCAGCGCCTCTACAAAGAACAATGGATCCA
 GAGATTTCTCCAAGGAGCATCCAGTGTCTGCACTACCGGGGGCCCCAGCCCAATTCCTCGTCTGGAG
 GAGCACAGGGAACCTCAGAAGTACATGGTATGGTCAGATGAGATGGTGGGACAGGAGAGGCCAGATCA
 GTACCCACCTCGTCCGGCCCTATGTGGCATTCTCTGCGCATTGGCTCCGACTGGAAGAATGCCGTGTC
 CATGTTGAAGGATGGGACTGCAGGGTCACACTTCACTGGCTTCCCTCAGTGTGTGGGCTACAGCCGAGC
 ACAGCGACTCCCCTCACCCTACCATGTGCTCCCGACCTGAAGGAAATCCAACGGGCTGTGAAGCTTT
 GGGTGAGAGCACTGGATGCCAGGTGGTCTACATCGCCACAGACTCTGAGAGCTATGTGTGAGAGATCCA
 GCAGCTTTCAAAGAGAAGGTGAAGTTGTGAGCCTGAAACCCGAGGTGGCCAGATTGACCTGTACATC
 CTCGGTCAAGGCTGACCACTTCATTGAAACTGTGTCTCCTCATTCACTGCCTTCGTGAAGCGGGAGCGGG
 ACCTCCATGGGAGGCCGTATCCTTCTTTGGCATGGACAGACCCTCCAGCTTCGGGATGAATTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001002278
Insert Size:	1188 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_001002278.1, NP_001002278.1</u>
RefSeq Size:	1188 bp
RefSeq ORF:	1188 bp
Locus ID:	311551
UniProt ID:	<u>Q6EV70</u>
Cytogenetics:	3q41
Gene Summary:	may act as a fucosyltransferase [RGD, Feb 2006]