

Product datasheet for RN203071

Pofut2 (NM_001107621) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Pofut2 (NM_001107621) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Pofut2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >RN203071 representing NM_001107621 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCGCTCAGCGTCGTCTGTCTGCTGCTGGCAGCAGCATCCTGGCGGCCGGTCTCGGCTTCAGGAG
AAGAATTCTGGCTGGCCAGTCGGCGGCCGACATCCTGTCCGGGGCGGCATCCCAGACAGGTACCTTCT
GTATGATGTCAACCCCCGGAAGGCTTTAATCTCCGCAGGGATGTCTATATCCGGGTGGCATCCTTGCTA
AAGACGCTGCTGAAGACAGAGGAGTGGGTGCTTGTCTGCCCCATGGGGCCGCTCTACCACTGGCAAA
GCCCTGATATCCATCAGGTCGGATTCCCTGGTCTGAGTTTTTTGACCTCCCGAGTCTCAATAAAAAACAT
CCCCGTTATAGAGTACGAGCAGTTCATTGCAGAGTCCGGCGGGCCCTTTATTGACCAGGTGTACGTCCTG
CAAGGCTACGCCGAGGGCTGGAAGGAGGCACCTGGGAGGAGAAGGTGGACGAGCGGCCCTGCATAGACC
CTCTGCTGTACTCACAGGACAAGCATGAGTATTTAGAGGCTGGTTTTGGGGCTACGAAGAAACACGGGG
TCTGAATGTCTCCTGCCTGTCCGTCCAGGGGTCGGCTTCTGTATCGCGCCTGTACTCTTAAAAACACA
TCTGCTCGGTCTGTGATGCTGGACCGAGCTGAAAACCTGCTTCATGACCACTATGGAGGCAGAGAGTACT
GGGACACCCGGCGCAGCATGGTGTGGCAAAGCACTTGGCGGCCGTGGGAGACGAATTGAGGAGCCAGCA
CCTCAACTCCACGGATGCCGCCGATAAGATGGTCTGGAGGAAGACTGGACCAGGATGAAGGTCAAAGT
GGCTCAGCGCTAGGCGGCCCTACCTTGGCGTCCACCTGAGAAGGAAGGACTTCATCTGGGGCCACAGGG
AGGATGTGCCAGCCTAGAAGGTGCCGTGAAGAAGATCCGCAGCCTCATGAAGACTCACAGCTGGACAA
GGTGTTCGTGGCCACAGATGCCATCAGGAAGGAACAGGAAGAAGTGGAGGAGCTGCTGCCGAAATGGTG
AGGTTTGGAGCCACGTGGGAGGAGCTGGAAGTGTACAAGGACGGAGGCGTCGCCATCATCGACAGTGGG
TCTGCGCTCATGCCAGGTTTTTTATTGGTACCTCCGTTTTCCAGTTTTCTTTGGATTATGAAGAGAG
AGAGATCTGGGTTGGACCCCAAGACGACATACAACCGTTCTGTGGAGACCAGGAGAAAGCGTGCGAG
CAGCCACGCACTGGAAGATTGCGTAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------------------|---|
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001107621 |
| Insert Size: | 1290 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_001107621.2</u> , <u>NP_001101091.2</u> |
| RefSeq Size: | 2259 bp |
| RefSeq ORF: | 1290 bp |
| Locus ID: | 309686 |
| Cytogenetics: | 20p12 |