

Product datasheet for **RN206228**

Rptor (NM_001134499) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rptor (NM_001134499) Rat Untagged Clone
Tag: Tag Free
Symbol: Rptor
Synonyms: RGD1311784
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206228 representing NM_001134499
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTCGGAGATGCTGCAGTCGCCTCTTATGGGACTCGGGGAGGAAGATGAGGCAGACCTTACAGATT
 GGAACCTGGCTTTGGCGTTTATGAAAAAGAGACATTGTGAGAAAATTGAAGGCTCCAATCTTTAGCACA
 GAGCTGGAGAATGAAGGATCGGATGAAGACCGTCAGTGTGCCTTGGTCCTGTGCCTGAATGTGGGTGTG
 GATCCTCCAGATGTGGTGAAGACCACACCTTGTGCTCGATTGGAATGCTGGATTGATCCTCTGTCTATGG
 GTCCTCAGAAAGCTCTGAAACCATCGGTGCAAACTACAGAAGCAGTATGAGAAGTGGCAGCAAGGGC
 TCGGTACAAGCAGAGCCTTGACCCCACTGTGGATGAAGTCAAGAACTTTGCACATCTCTGCGTCGGAAC
 GCCAAGGAGGAACGGGTCTCTCCACTATAATGGCCATGGGGTGGCCAGGCCTACGGTGAATGGAGAGG
 TCTGGGTCTTCAACAAGAACTACACTCAGTACATCCCACTGTCCATATATGACCTGCAGACGTGGATGGG
 CAGCCCATCCATCTTTGTCTACGACTGCTCCAATGCTGGCCTCATCGTCAAGTCCCTCAAACAGTTCCGA
 CTGCAGAGGGAGCAGGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
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 CCTCCCAGCCGACTGTTACATCCTGCCTCACCCTCCATCAAGATTGCTTTGCGCTGGTTTTGCATG
 CAGAAGTGTGTTAGTCTGGTGCCTGGAGTCACTGGATTTGATAGAAAAGATCCCTGGCCGGCTGAATG
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 GCTCCCTCGGATCTCTTTCAAAGCTTTTCCGACAGGACCTGCTGGTGGCAAGTTTGTTTAGAAATTTT
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 ACATGCATGCCATGTGGCAGGCCTGGGACCTTGTGTGGACATTTGCCTCTCTCAACTGCCAACCATCAT
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 ACCATGGGTGTGAAAACAGGAGCCCCCGAGCAGCTGCCATCGTCTACAGGTGCTGCTAAGCCAGG
 TGACCCGCTGAGAGCCTTGGACTTGTGGGACGATTTTGGACTTGGGCCCTTGGCGGTGAGCTTGGC
 CCTGTGCGTGGGCATCTTCCCCTATGTAAGTGTGCTTCAAGCTCGGCCGAGAGCTGCGGCCACTC
 CTTGTCTCATCTGGCCAAAATCCTCGCTGTGGACAGTTCATGCCAGGCTGACCTCGTGAAGGACAACG



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GTCACAAGTACTTCTGTCCGTCTTGGCAGACCCATACATGCCAGCTGAACACAGGACCATGACAGCCTT
 CATTCTTGCTGTAATCGTCAACAGCTACACAACAGGGCAAGAAGCCTGCCTGCAGGGGAACCTGATTGCC
 ATCTGTTTGGAGCAGCTCAGTGACCCACACCCCTTGTACGCCAGTGGGTGGCCATTTGCCCTGGGAAGGA
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 CAACCAACAAGGCATGCACATCCACCAGGTGGGAGGCTCCCGCCAGCATCTAGCACCAGCAGCTGCAG
 CCTGACCAATGATGTGGCCAAGCAGACGGTCAGCCGTGACCTGCCCTCCAGCCGCCCGGGTACTGCCGGC
 CCCACAGGGGCACAGTACACCCCTCACTCCCACCAGTTCCCTCGTACACGAAAGATGTTTGACAAAGGCC
 CTGATCAGACCACAGACGATGCAGATGATGCTGCCGGACACAAGAGCTTCATTTGTGCCACTATGCAGAC
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 TGTGGTCAAATTCACCCCTTACACCATGCATAGCTGTTGCTGACAAGGACAGCATCTGTTTTTGGGAC
 TGGGAGAAAGGAGAGAAAAGTGGACTACTTCCACAATGGTAACCCTCGGTACACCAGAGTCACTGCTATGG
 AGTACCTGAATGGCAGGACTGCTCCTTGTGCTGACAGCCACAGACGATGGAGCCATCAGGGTCTGGAA
 AAATTTTGTGATTTGAAAAGAATCCAGAGATGGTACTGCGTGGCAAGGGCTCTCAGACATGCTTCCA
 ACAACACGAGGAGCTGGGATGGTGGTGGACTGGGAACAAGAAAAGTGGCTCCTCATGAGCTCAGGGGACG
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 CTGTGTGACAAGTTTATCTTGTGATTGACACCGCTCACTATTGTAGCTGGCTGGGTGATGGCTCGATC
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 TGGTAAAGGCCTACCTGCAGAAGCACCTGAGGGCCACATCGTGAGTGTGAGTGTCAATGGAGATGTGCG
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 ATCCACCCCAAGGCAAACCTGATCGCCTGTGGCTCCATGAACCAGTTCACAGCCATCTACAACGGCAATG
 GGGAGCTGATCAACAACATAAATACTACGATGGCTTCATGGGCCAGCGAGTCGGGGCCATCAGCTGCCCT
 GGCTTTCACCCACACTGGCCTCATCTGGCCGTGGAAGCAATGACTACTACATTTCTGTATATTCGGTG
 GAGAAGCGTGTGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCACTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001134499

Insert Size:

4008 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:

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_001134499.2, NP_001127971.2

RefSeq Size: 6699 bp

RefSeq ORF: 4008 bp

Locus ID: 287871

Cytogenetics: 10q32.3