

Product datasheet for **RN211281**

Reps1 (NM_001106264) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Reps1 (NM_001106264) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Reps1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211281 representing NM_001106264
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGAAGGCTTGACGCTGAGCGACGCCGAGCAGAAATACTACTCGGATCTCTTCTCTACTGCGACATCG
 AGAGACCAAGAAGGTGGTGGTCAACGGGCGAGTGCTCGAGCTGTTCCGGGCCGCGCAGCTGCCAACGA
 CGTGGTCTCCAGATCATGGAGCTTTCGGTGCAACAAGACTTGGTTATTTGGAAGGAGTCAGTTCTAC
 ATTGCTTTGAAGCTTGTAGCCGTTGCCAGTCTGGGTTCCCACTCAGAGTGGAGAGTATAAACACTGTAA
 AGGATCTCCATCTTCCACGATTTGTTGCTTCAAAGAATGAGCAAGAATCCCGCCACGCAGCATCCTACTC
 TTCAGACGCTGAAAACAGAGCGCTTACGCGGTGTGATCCCCCTCTCCTGGTAGGGGCCAGGTTAAG
 AAGGCACCCGGAAGCCACGATGCGGCTCAGCCTCGTCCGCTGCAGATCAGCAGGAACCTGCATCTCCAG
 TAGTTTACCCACGAGTCCCGACGACTTCTCCACACATGGAGGAAGCACAATCGCCACCCAGTGG
 GGGGAATAGTGAGAGGCTCTTGACGACAGGGCCGTTCTGGTCGCCTTTTGGTGATGCGCAATCAGGC
 TCTTCTGCTGGTGTGCGGTGTGGTCTGGGCATTCCTCCCTCCACCTCAAGAAAACCTGGGTGAGTTTG
 CAGATACTCCACCAACCAGTGCTCTTTAACCATGCATCTGCTTCTGTCCAGGACCAGACAACAGTACG
 AACTGTAGCCTCAGCCACAACCTGCCAATGAAATCCGTAGGCAATCCAGTAGTTACGATGATCCCTGGAAA
 ATAACAGATGAACAAAGACAGTATTATGTAATCAGTTTAAAACCTTACGCCTGATCTGAACGGATTTA
 TTCCAGGGTCTGCAGCTAAAGAGTTTTTACAAAATCGAACTTCCTATTCTTGAACCTTCTCATATTTG
 GGAGCTCTCAGACTTCGACAAAGATGGCGCTTGACACTGGATGAGTTCTGTGCTGCTTTTCATCTGGTA
 GTTGCTAGAAAAAATGGCTATGACCTACCAGAGAACTCCCGAAAGCCTGATGCCCAAGCTGATTGACT
 TGGAGACTCAGCAGATGTGGGGACCAGCCAGGTGAGGTAGGCTATCCAGGCTCTCCTGCAGAAGCACC
 TCCGAGCAAGTCACCGTCGATGCCGTCACTGAACCAGACTTGGCCAGAGCTGAATCAGAGCAGTGAGCAG
 TGGGAGACATTTAGTGAACGCTCTTCAAGCTCACAACTCTGACCAATTTGATTCTAACATTGCACCAG
 CTGATCTGATACCGCCATTGTGCATCCAGTTCCTATTCGTATGACTCCAAGCAAAATCCACATGCAGGA
 GATGGAGCTGAAAAGAAGCAGCGGTGATCATACTAACCCACAGCCATTACTTGTGAAGCCATCTGAT
 CTTTCAGAAGAAAATAAATCAATTCATCAGTAAATTTCTTCTGAAATACCGTAGCAGATGGGTACA
 GTAGCTCGGACTTTTCCCTTCGACCCGAGCAGATTGGGAGCAATGGAGCTCGTCAAAGGTCTCATT
 AGGAGCGTCCCGGATAACACTGCACCACCCTCCCCCTCCAGGCCACAGCCTTCTCATTCTAGATCA
 TCATCCTTAGATATGAATCGGACCTTCGAGTTGCCACAGGCCAACACAGGCTGGAGTTGTTACCCACC
 CTCTGCAGTGCCTCAAGACCTCAGCCCTCACAGGTGATTGGTTCTCCCGTGTCTGTTTAAAGTGCC
 AGTTATTGTATCTAATAACTCACACT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106264

Insert Size: 1848 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_001106264.1](#), [NP_001099734.1](#)

RefSeq Size: 2614 bp

RefSeq ORF: 1848 bp

Locus ID: 292944

Cytogenetics: 1p12