

Product datasheet for **RN210697**

Rdx (NM_001005889) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rdx (NM_001005889) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rdx
Synonyms:	MGC95168
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210697 representing NM_001005889
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGAAACCAATAAATGTAAGAGTAACATAATGGATGCTGAAGTGGCATTAGCCCAATA
 CAACTGGCAAACAACCTTTTGGACAGGTTGAAAAACAGTTGGTTTACGTGAGGTCTGGTTTTTGGGCT
 GCAATATGTAGACAGCAAAGGATATCCACATGGCTTAACTGAATAAAAAGGTAACACAGCAAGATGTT
 AAAAAAGAAAATCCTTTACAGTTCAAGTTAGAGCTAAATTTCTTCTGAAGATGTTTCTGAGGAATTGA
 TTCAAGAAATAACACAGAGACTTTTCTTCTGCAAGTTAAGAAGCCATCTTAAATGATGAGATATTTG
 CCCACCAGAACTGCAGTTCTTTGGCTTCGTATGCTGTTCAAGCCAAGTATGGAGATTATAATAAAGAG
 ATTCATAAACCAGGCTATCTGGCTAATGACAGACTCTACCACAGCGTGTGGAAACAATAAAGTGA
 CCAAGAGCAGTGGGAGGAGAGAATACAGAAGTGGCATGAAGAACACAGGGGGATGCTAAGGGAAGATTC
 AATGATGGAATACTTGAAGATTGACAAGATCTAGAGATGTATGGTGTCAACTACTTTGAAATCAAGAAT
 AAGAAGGTACTGAGCTGTGGCTGGGCGTTGATGCTTTGGGTCTGAATATTTATGAGCATGATGACAAGT
 TAACACCTAAAATTGGTTTTCCCTGGAGTGAATCCGAAATATTTCTGTTAATGACAAAAATTTGTTAT
 AAAGCCAATTGACAAAAAGGCACCTGATTTTGTCTTATGCACCTCGTCTGAGAATCAATAAGCGAATT
 TTGGCCTTATGTATGGGAAACCATGAGCTGTACATGCGAAGGAGAAAGCCTGATACTATTGAAGTACAGC
 AGATGAAGGCTCAGGCCCGGGAGGAGAAAACCCAGAAGCAGCTAGAACGGGCACAATTAGAGAATGAAAA
 GAAGAAACGAGAAATAGCAGAAAAGGAAAAGGAAAGAAATAGAACGGGAAAAGGAAGAGCTGATGGACGT
 CTAAGGCAAATTGAAGAGCAGACAATGAAAGCCAGAAAAGAACTAGAAGAACAGACTCGGAAAGCCCTGG
 AACTGGAGCAGGAGCGCCAGCGAGCAAAAAGAGGAGGCAGAGCGGCTAGACAGGGAGCGCCGGCTGCGGA
 AGAGGCCAAGTCCGCAATAGCCAAGCAAGCTGCTGACCAATGAAGAACCAGGAGCAGCTGGCAGCAGAA
 CTTGCCGAATTAAGTCCGCAATAGCCAAGCAAGCTGCTGACCAATGAAGAACCAGGAGCAGCTGGCAGCAGAA
 CTTGCCGAATTAAGTCCGCAATAGCCAAGCAAGCTGCTGACCAATGAAGAACCAGGAGCAGCTGGCAGCAGAA
 AGTGGCAGCATAAAGCTTTTGCAGCTCAGGAAGACTTGAAAAAGACCAAGAAGAGTTAAAAACTGTGAT
 GTGTGCGCCCCCTCCGCCGCCCTCCCGCAGTCGTCCTCCACAGAGAACGAGCATGATGAGCAGGAC
 GAGCACAGTGCCGAGGCCAGCGCCGAGCTGTCCAGTGAGGGCGTGACGAACCACAGGAGCGAGGAGGAGC
 GGGTGACGGAGACCCAGAAGAACGAACGCGTGAAGAAGCAGCTCCAGGCATTAAGTTCAGAAATTAGCCCA
 AGCGAGAGATGAAACCAAGAAGACAGAAATGATGTTCTCCATGCTGAGAACGTCAAGGCAGGCCGTGAT
 AAGTACAAGACTCTGCGCAGATTTCACAAGGCAACCAAGCAGCGCATCGATGAGTTGAAGCAATGT
 GA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001005889
- Insert Size:** 1752 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_001005889.2](#), [NP_001005889.2](#)

RefSeq Size: 4233 bp

RefSeq ORF: 1752 bp

Locus ID: 315655

Cytogenetics: 8q24