

Product datasheet for **RN207907**

Xrn2 (NM_001108596) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xrn2 (NM_001108596) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Xrn2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207907 representing NM_001108596
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATCATGTTAGCAGTTGGTGAAGTTGAGGATAGCATTTTTAAAAAGAGAAAAGATGATGAGGACAGTT
 TTAGAAGACGACAGAAAAGAAAAAGAAAGAGGATGAAGAGAGATCAACCAGCTTTTACTCCTAGTGGAAAT
 ATTAACACCTTACGCTTTGGGTTCAAGAAATTCTCCAGTTGTCAAGTAGCCAGTAATCCAAGACAAGCC
 GCCTATGAAATGAGGATGCAGAGTAACCTAGTCTTCAATATCCCCTAATACAAGTTTTGCATCTGATG
 GCTCCCCATCTCCACTAGGAGGACTTAAGAGAAAAGCAGAAGATAGTGATAGTGAGCCAGAGCCAGAGGA
 TAACGTCAGGTTATGGGAAGCTGGTTGGAAGCAGCGATACTACAAGAACAATTTGATGTAGATGCAGCT
 GATGAGAAATCCGACGTAAGGTTGTTCCAGTCTTATGTTGAAGGATTGTGCTGGGTTCTTCGATATTATT
 ACCAGGGCTGTGCTTCTGGAAGTGGTATTACCCATTCCATTATGCGCCGTTTGCCTCAGACTTTGAAGG
 TATTGCAGACATGCCTTCTGAATTTGAAAAGGGCACAAAACCGTTTAAACCACTGGAACAGCTAATGGGG
 GTTTTTCCAGCTGCAAGTGGTAACCTTTTTACCTCCAACATGGCGGAAGCTCATGAGTGACCTGATTCTA
 GTATAATTGACTTCTATCCTGAAGACTTTGCTATTGATTTGAATGGGAAGAAGTATGCATGGCAAGGTGT
 TGCTCTGTTGCCATTTGTGGATGAGCGAAGGCTGCGAGCGGCCCTAGAAGAGGTGTACCCAGACCTCACT
 CCAGAAGAGAACAGGAGAAATAGTCTTGGAAAGTATGTTTTGTTGTGGGAAAAGTTCATCCACTACAGC
 ACTTCATTTTAGAGCTGTATCAGACAGGTTCTACAGAGCCAGTAGATGTGCCGCCTGAGTTGTGTACCGG
 GATTCAGGGAAGTTTTCTTTGGATGAAGAAGCCATACTCCAGACCAACAGTATGTTCCCTGTGCC
 ATGTTACGGGACTTGACACAGAACAAGTCAATCAGTATTAATTTAAAGATCCACAGTTTGCAGGAAAGATT
 ATGTTTTAAAGCTATAATGCTTCCAGGAGCAAGAAAGCCAGCAGCAGTTCTGAAACCCGGAGACTGGGA
 AAAATCCAGCAATGGGCGCAATGGAAACCCAGCTTGGCTTTAACCGGACCGGCGCCTGTTCACCTG
 GACCAGGCAGCCTTTAGAACTTTAGGCCATGTTATACCAAGAGGCTCAGGGACTGGTGTTCACGCAACA
 CTGCAACCCACCTGCCAATTACCAGGGGAACGTATACAGGCCACTGCTGAGAGGTCAAGCTCAGATCCC
 AAAACTAATGTCAAATATGAGGCCCAAGATAACTGGCGAGGTCCTCCTCTTTTCCAGCAGCAGAGA
 TTTGACAGAAGTGTGGAGCTGAACCCCTACTGCCGTGGAACCGAATGCTCCAAACCCAAAATGCAGCCT
 TTCAGCCAAATCAGTACCAGATGCTGGCTGGGCCGGAGGATATCCACCCAGACGTGATGACCATCGAGG
 AGGGCGACAGGGATATCCAGAGAAGGAAGGAAGTACCCTTGGCACCGCCCTCGGAAGATACAGTTGG
 AATTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108596
- Insert Size:** 1686 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_001108596.1](#), [NP_001102066.1](#)

RefSeq Size: 3787 bp

RefSeq ORF: 1686 bp

Locus ID: 362229

Cytogenetics: 3q41