

## Product datasheet for **SC215521**

### **PNRC2 (NM\_017761) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	PNRC2 (NM_017761) Human 3' UTR Clone
Symbol:	PNRC2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017761
Insert Size:	1615 bp



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**Insert Sequence:** >SC215521 3'UTR clone of NM\_017761  
 The sequence shown below is from the reference sequence of NM\_017761. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTAAACCTTACTTAAAGTACAGGTATAAATAAGACAAATGTTTAAATTTAGTTATGTTACGGATA
GTTGTCAATTGGTCTGAAACAAATTCGCTAGGGAATCTATTTGTGTAGAATAATTAATGTAAAAAAA
TAGACCATCTCGTGTGTGCTACTGTGATATAATGGTAGTATCAGTGCAACTTAACTAATGATTGTA
CTTGATATTAAGTGTCTCAACTGAGTAACTTTTAAAGTGGAAACCAAGTTTAGATTTGGGGAGTGGTAA
AGGAATCAGCTTTTTCTATTGTTAGGGGAAGACAGTAATTTATCATTATGACCAGTAGATTGTTGAA
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TTCGTAATAATTGCATTTTAGTGAATTGTACAGTGGGTGAAAGGGCATTGGAGCTCATTAGAATGAG
ACATAGTACACCCCAATGGCCCTGTTTATTAAATGTAGTGGATTAAAGTCTGTCAACAAATACACCAA
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CACTGCACAAGCTATTCTAATAGTGTCTGGCCTCATCTCTGCAAAGCTTGCTTTGGGGAGTTGGA
TAATGTGAAAATTTAAGTACCTAGGGGAGAAAGGCCATGTAATATCTGTAATAAACTTGTAGCATA
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CGTGGACTGTTTTTATAATATGGCCTAATTTTAAAGTCCAAAAAATACTGTTTTTAAAGTTTGGCCT
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AGTGTAATAAGTTTTATAACTAAAAAGGTTTAAAGCTGCTAAAACTATTTTAAAGAGATGTGAAATGCAG
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GCTTAAAAATTTGATTGTTAATGCCCTATTTCTAATTTGGCACCTCTTGATGCCTAAGCAGGTAAGC
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AAAGACAAGTTTATGTAGTACTTAATGTACATGATATGAATGTGAAGCATAAAATTAATAAAATTTTT
CCCCATTGGCTTGGTTTTATTTAAAAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_017761.4](#)

**Summary:** Involved in nonsense-mediated mRNA decay (NMD) by acting as a bridge between the mRNA decapping complex and the NMD machinery (PubMed:19150429). May act by targeting the NMD machinery to the P-body and recruiting the decapping machinery to aberrant mRNAs (PubMed:19150429). Required for UPF1/RENT1 localization to the P-body (PubMed:19150429). Plays a role in glucocorticoid receptor-mediated mRNA degradation by interacting with the glucocorticoid receptor NR3C1 in a ligand-dependent manner when it is bound to the 5' UTR of target mRNAs and recruiting the RNA helicase UPF1 and the mRNA-decapping enzyme DCP1A, leading to RNA decay (PubMed:25775514). Also acts as a nuclear receptor coactivator (PubMed:11574675). May play a role in controlling the energy balance between energy storage and energy expenditure (By similarity).[UniProtKB/Swiss-Prot Function]

**Locus ID:** 55629

**MW:** 62.3