

## Product datasheet for **SC214649**

### PRPS2 (NM\_002765) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PRPS2 (NM_002765) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PRPS2
Synonyms:	PRSII
ACCN:	NM_002765
Insert Size:	1456 bp



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**Insert Sequence:** >SC214649 3'UTR clone of NM\_002765  
 The sequence shown below is from the reference sequence of NM\_002765. 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
TCCTACCTGTTTCAGCCATGTCCCGCTATAAATCCAGAATGGGAAGTGTCCAGCAAGCTACTCTGACTT
CTGACTTGTTTTTGTTTTCTGGATTTTTAGCTGTAGGTATTCAGCAATGATAGGTTAATCACTGGCAAA
AGCATCAGATCTTTGTATATGCTAAGATTTATTGTTCCCTTCTAAAGCTCAAGATCATTTCTTTCCA
GTTTTTGGGAAATGGTGGTGGTTATTTGGTCTTTAAGTGAAGTGTCTTAAATGAGAAACGTTTTTGTC
ATTTTGACTTTTAAACAGGTACAGGTGATCTCTTCTTTGTTCTTTCAGTACTTTGAGGCGACAATTTTC
AAGTATATAATTTCAATTGTGAAGTCATAGTTTATATATTTTCGAGTTGCCAAAGGTGACTTCAGATTA
AAGCCTTCTGTGTAATATATACTGATAATGCCTATGGACATTTGGTAAAACCTGTATAGAATTAAT
TATCCTTTTACTTTGGAGTGAACCTTGGAAAATTTATAATTATAATACCATGGATTTTGAATTTTCCTT
TTTTTTTTTTTTTTGGATAACTCAGTTTCAGATAAACCATCTTGGTTACTGTGCTTAATTTGGACCAAA
TTTTATTTAGCTTAATATGGACACTGACACATTTTGGGGGTATACATTAGACATATCAGAGCAGTGTA
TTTCTGGATCATTTTTTAAATGACCTCTTCTAAAACATAACTGTCACTTACCTGAAATGCTGCATCCTA
AAATCCAAAATTATATTGAGCAATCGCCAAGGCCTAAAGCCAAGTAAAGGTAATCATTTTCAGC
TAAGATTAATTTAAAGCCTAAGAATGTATAGAGCTAGTTTTAAAATAATGATCTCAGATTTTTAAAAA
GGATATAGGAACCTGCATTGTCTCTGAATTAAGAACTGATGGTTTCTATCATTATTTAGCCCCAC
CTTTGTATTTTAAATCCTTCAGAATACATTTATGAACCAATGCGACTGGACTTAGCCACACACAATGG
AAATTCAGACCTTGACTATTTGGTGTTCAGTTCACAAAGGTGATGAAGACTGTCTTGGGAGCAGCTT
AATCCCAAAATTTGTACATTTCTTGTGCTCCTGGCGTGGAAACTTAAGTGAGACCACCAATACATTG
GTCCTGTCCAATTCTACTGAATGGGGTGGACCTGGCATTATCTGGCCAAAAACAGGAGCCAGAGAAA
TATGAATATACCAAAGTTGTTTGTAGCTCCAACCTAAATTACATTAGTCAACTTATAGATACTCAT
ATGATCACTTTTCTTTTAGATACTACATCAACTAGATTCAGGAGTATATCATTGTCAGTCTTGTATT
GGTTTAAATGTAAGATTTAAGATCCTTAACACTGTAATAAACATTTCAATAAAATCATTCTGACT
GCGTTCA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-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 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_002765.5](#)

**Summary:** This gene encodes a phosphoribosyl pyrophosphate synthetase that plays a central role in the synthesis of purines and pyrimidines. The encoded protein catalyzes the synthesis of 5-phosphoribosyl 1-pyrophosphate from ATP and D-ribose 5-phosphate. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]

**Locus ID:** 5634

**MW:** 56.8