

Product datasheet for **SC214652**

PRPS2 (NM_001039091) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PRPS2 (NM_001039091) Human 3' UTR Clone
Symbol:	PRPS2
Synonyms:	PRSII
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001039091
Insert Size:	1456 bp



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Insert Sequence: >SC214652 3'UTR clone of NM_001039091
 The sequence shown below is from the reference sequence of NM_001039091. 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
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TTTTATTTAGCTTAATATGGACACTGACACATTTTGGGGGTATACATTAGACATATCAGAGCAGTGTA
TTTCTGGATCATTTTTTAAATGACCTCTTCTAAAACATAACTGTCACTTACCTGAAATGCTGCATCCTA
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TAAGATTAATTTAAAGCCTAAGAATGTATAGAGCTAGTTTTAAAATAATGATCTCAGATTTTTAAAAA
GGATATAGGAACCTGCATTGTCTCTGAATTAAGAACTGATGGTTTCTATCATTATTTAGCCCCAC
CTTTGTATTTTAAAATCCTTCAGAATACATTTATGAACCAATGCGACTGGACTTAGCCACACACAATGG
AAATTCAGACCTTGACTATTTGGTGTTCAGTTCCAGTTCACAAAGGTGATGAAGACTGTCTTTGGGAGCAGCTT
AATCCCAAAAATTTGTACATTTCTTGTCTCCTGGCGTGGAAACTTAAGTGAGACCACCAAAATACATTG
GTCCTGTCCAATTCTACTGAATGGGGTGGACCTGGCATTATCTGGCCAAAAACAGGAGCCAGAGAAA
TATGAATATACCAAAGTTGTTTGTAGCTCCAACCTAAATTACATTAGTCAACTTATAGATACTCAT
ATGATCACTTTTCTTTTAGATACTACACTAAGATTCAGGAGTATATCATTGTCAGTGTCTGTATT
GGTTTAAAATGTAAGATTTAAGATCCTCTAACACTGTAATAAACATTTCAATAAAAATCATTCTGACT
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_001039091.3](#)

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