

Product datasheet for **SC210521**

RPIA (NM_144563) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RPIA (NM_144563) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: RPIA
Synonyms: RPI; RPIAD
ACCN: NM_144563
Insert Size: 881 bp
Insert Sequence: >SC210521 3'UTR clone of NM_144563

The sequence shown below is from the reference sequence of NM_144563. 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
GTGAACATGAGGGAGAAGCCTTTCTGTGACCCCTGCAAGGAGCAGAGTGTGTTACCTTGAGTCTCCAG
CCCACAGCCAAGGTGGAGCTACCTCTCCAGGAGCCTTTGCCTTAATGTATCTCTGCCTGGACAACCTGT
GGTGGGGGGTGGGGGAAGAGTGGGAGGGGAGTTAAATCCAGTCTTATGAAGTATTGTTATTAATGT
CTTTTTAAAAAGAGAAATATAAACATATATTTTACTATTAATAATTTTCAAGTTTTTAAATGAAGTAGA
ACTTGAGTTATGTTTTATGAAATATTTACCAAAAAAAAAAATGAGGTAACTGTATTTAAACCT
TTGACTTGAGTCTGCTGGTAAAGCTTCTGAATATTGAGTTTGGTGGAGAAATAAAATCAAACTCTTT
AAGCTGGTAAAGTGAAGGGCCACCAGCAGTGATCTCCTGATGCCTTACTGGAACTTTGTTTACTTGT
CTGCTACCCTCTGATTTGTTTTAGTTAGTTTTTATTGTGAGCACACATAGTACCTAGTTACATCTTAA
GATCAGGTTTATAAACTGTGGAGTGGAGCGGTATGGTATGGAATGACTTGAATGTAAGCTGTCAGGG
AGAAAATGTTGTTACACTTTTGCTAAGATCTGGGGTTTTCTTCATATTCTGCTGTTGGAAGCAGTTGA
CCAGAAATGCTTGCCAGTACTGCCAAAGCACTGCTGTGAAATGTGAAGTACTTTGTTTTTTATTTTA
ATGATTTTCTTTTGTATTAATATTTTCTCTGTTTCTTTGTTATTACTTGCATGGTTTGGCGTCAGA
AGTCTTACCTCTTTATATTGTTTGAGGTTTAAATAAAACAGTGTGGTGCCA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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_144563.3
Summary:	The protein encoded by this gene is an enzyme, which catalyzes the reversible conversion between ribose-5-phosphate and ribulose-5-phosphate in the pentose-phosphate pathway. This gene is highly conserved in most organisms. The enzyme plays an essential role in the carbohydrate metabolism. Mutations in this gene cause ribose 5-phosphate isomerase deficiency. A pseudogene is found on chromosome 18. [provided by RefSeq, Mar 2010]
Locus ID:	22934
MW:	34