

Product datasheet for **SC206382**

RPAIN (NM_001160246) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RPAIN (NM_001160246) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RPAIN
Synonyms:	HRIP; RIP
ACCN:	NM_001160246
Insert Size:	358 bp
Insert Sequence:	>SC206382 3'UTR clone of NM_001160246 The sequence shown below is from the reference sequence of NM_001160246. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CAACAGGAGCTGATCAACCAAGGCCTGTGACTACTTGGGCTGTGATCCTCTAGAGCCAGCTTGGACTCAC ATCATTCTATGGGGTTGAAGACAACTATCCCTCTGAGGAGCCTTGACATACAAGCCTTTTATTAT AATTATTTTGTATTGAACTTTTAAACAATACTGAAGAAAAAAACTTTTCCGACATCTGTTCTTGG TCTTTTGTGACGCAGGTTGAAGGGGAGGAATAGAAAAAGACAACTGCCTTGGAGGAGATAAACCAAT TTTATGTCTATCATGTTATACAAAAATCTAGAAATAATAGATTTGTACAGAAAAAATGATAATAAATG AGAACACAAAACA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_001160246.2</u>



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Summary: Mediates the import of RPA complex into the nucleus, possibly via some interaction with importin beta. Isoform 2 is sumoylated and mediates the localization of RPA complex into the PML body of the nucleus, thereby participating in RPA function in DNA metabolism. [UniProtKB/Swiss-Prot Function]

Locus ID: 84268

MW: 14.3