

Product datasheet for **SC214307**

RPAIN (NM_001160243) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RPAIN (NM_001160243) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RPAIN
Synonyms:	HRIP; RIP
ACCN:	NM_001160243
Insert Size:	1414 bp



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Insert Sequence:	<p>>SC214307 3'UTR clone of NM_001160243 The sequence shown below is from the reference sequence of NM_001160243. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GACCTGTGGTTGGTTTTATTCCACCTTGATAGAAAATAATGACCTATAAACAGGTAATGTTAATGCA GTTTATTATCTGAGGAATTTACCTGCATAGAAAAGTGAAGGTAACAAGTCATTTAGACTCAAAGGCCAG TCAGAAAAGAGGGAAGAGGCAGCATGGGATCACGGCAAGAGGATTGGTCTGGGAGTTAGGACGCCTGGC TCCACACCTGCTCTTCTTTGATCAGTAGTAGTGGTTTTGGATTGAGTGGTTCATTTAGTGCATAAGA CCCAGATAGGCCATGCTGGCACCCTTTTGCAGGAAAGAAACAGGGCAGAAGCATAGCAGGGCAGCATT GGTTTGTCTGTCAGTGGAGTTTTTACAGAGGTCCAAGGGCTATTCGCTAACCTGAGTGACAAGTGGGT GTGAGGGCCAGGAACACAAGTGGGTAAGGGAACCACTGTCTTAGAAGCGTGTATAGGAACCAATATC TCTTATAATCCATGTCTTTCCATATATGTGTATGTATGTATGTATGTATATATATACACACAAC ACACATAAAACCAATATGATACGTATTATTATTGCTTTTATAGTCCCAGGCAGGGGAGCCTTGGGATTA GGAGCACACTGTACTTCAGGAAGTTCATAGCCATGGCTTTCTACTGGGAATTTAGAAATTCCTTCATGGC CCTGTCATTCCAAATGCAGTTAACCTACAGAGGTCATTTTTATTATAAGCAGCATTGCTGGTAACAGC CATTTACCTTTATCAAGTTTCTTCCATAGGTATTCTACTCATTCAAAAAAAAAATGAATTGAGGA CTCATTAAACATTGAGAAATACACATCTCTCACAGAGCTCAAGCCTTGGGTTGGTAATAAGAGAACAGAA TAAACAGGCAGTACCCTGGAGAGCTGTACAAGGAGGGCTATGGGAGTTCAGAGGAGGGTATCTCCTT TATGGTGACACCTTCTGGAGGAGGCATTTAACTTGGCCTTGAAGCATGGAATCGATCTGGACAGACAT GGAGACTGGTGAGTTGTGGGGTAGAGCTTAAGTGAAGATCCCACATAGAAGAACAAGGCAGAGAA GCAGGAAACTGGAGTATATACAAAGAGCATCTTGTCTACTTAGCTGGAGCATTAGGTTTCATGAGGGAG AGGATAGTTCCTGTTAGGAATAGGAAACAGATTACAGAGAAGTGTGAATCTGGCCAAAATTTACTAC TAATAAGCGATAGAGCTGGTGTAGACCCAGGCTTTTGTGGTCCAGTCCCCTGCTGTTTCTGCTC CAGGCTCAGGCCTTGGTGAAGGATGCCATTTCCATCAGCTTGTATGGAAGAGACATAGCAGGTGAA AGTTTAAATAAAACCCCTCACTACTTCTGTTGA ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
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_001160243.2
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:	53