

Product datasheet for **SC215475**

RPAIN (NM_001160267) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RPAIN (NM_001160267) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RPAIN
Synonyms:	FLJ25625; FLJ30490; FLJ42429; HRIP; MGC4189; RIP
ACCN:	NM_001160267
Insert Size:	1617 bp



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Insert Sequence: >SC215475 3'UTR clone of NM_001160267
 The sequence shown below is from the reference sequence of NM_001160267. 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
CAACAGGAGCTGATCAACCAAGTCTTCAGATTGACAGAGCAGAAGCTTCGTGCCTGTTAGAGGGTAG
TATAAATGAGCACAGTGACATTGTCCCCACACACCTGAATTTTTCAGTCACTGGAGGAACAGAAGAAAA
GTCCAGTCTTCTCATGAGCTGTCTGGTAAGCGTCTCCTGGGACCCACTCTGTGGTAAGAGGGACCTGTG
GTTGGTTTTATCCACCTTGATAGAAATAATGACCTATAAACAGGTAATGTTTAAATGCAGTTTATTA
TCTGAGGAATTTACCTGCATAGAAAAGTGAAGTAACAAGTCATTTAGACTCAAAGGCCAGTCAGAAAG
AAGGGAAGAGGCAGCATGGGATCACGGCAAGAGGATTGGTCTGGGAGTTAGGACGCCTGGCTCCACACC
TGCTCTTCTTTGATCAGTAGTAGTGGTTTTGGATTGAGCTGGTCATTTTCATAGTCATAAGACCCAGATA
GGCCATGCTGGCACCCTTTTGCAGGAAAGCAAGGCAGGAGCAGGAGGAGGAGGAGGAGGAGGAGGAGG
TGTCAGTGGAGTTTTTACAGAGGTCCAAGGGCTATTTCGCTAACCTGAGTGACAACCTGAGGTGTGAGGGC
CAGGAACACAAGTGGTAAGGGAACACCTGTCTTAGAAGCGTGTCTATAGGAACCAATATCTCTTATAA
TCCATGTCCTTTCCATATATGTGTATGTATGTATGTACATGTGTATATATACACAAAACACACATAA
AACCAATATGATACGTATTATTATTGCTTTTAGATCCCAGGCAGGGGGAGCCTTGGGATTAGGAGCACA
CTGTACTTCAGGAAGTTCATAGCCATGGCTTTCTACTGGGAATTTAGAATTCCTTCATGGCCCTGTCAT
TCCAAATGCAGTTAACCTACAGAGGTCAATTTTTATTATAAGCAGCATTGCCTGGTAACAGCCATTTAC
CTTTATCAAGTTTCTCCATAGGTATTCTACTCATTCAAAAAAAAAAATGAATTGAGGACTCATTAA
CATTGAGAAAATACACATCTCTCACAGAGCTCAAGCCTTGGTTGGTAATAAGAGAACAGAATAAACAGG
CAGTACCCTGGAGAGCTGTACAAGGAGGCTTATGGGAGTTCAGAGGAGGGTGATCTCCTTTATGGTGA
CACCTTCTGGAGGAGGCATTTAACTTGGCCTTGAAGCATGGAATCGATCTGGACAGACATGGAGATCT
GGTGAGTTGTGGGGTAGAGCTTAAAGTGAAGATCCCCACATAGAAGAACAAGGCAGAGAAGCAGGAAA
CTGGAGTATATACAAAGAGCATCTTGTCTACTTAGCTGGAGCATTAGGTTTCATGAGGGAGAGGATAGT
TCCTGTTAGGAATAGGAAACAGATTACAGAGAAGTGTATGTAATCTGGCCAAAATTTACTACTAATAAGC
GATAGAGCTGGTGTAGACCCAGGCTTTGTGGTTCCAGTGCCCTGCTGTTTCTGCTCCAGGCTCA
GGCCTTGGTGAAGGATGCCATTTCCATCAGCTTGTATGAAAAGAGACATAGCAGGTGAAAGTTTAAA
TAAACCCTCACTACTTCTGTGACTAC
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).

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_001160267.1](#)

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: 62.2