

Product datasheet for **SC207623**

MRPP3 (KIAA0391) (NM_014672) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	MRPP3
Synonyms:	KIAA0391; MRPP3
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_014672
Insert Size:	2000 bp



Insert Sequence:

>SC207623 3'UTR clone of NM_014672

The sequence shown below is from the reference sequence of NM_014672. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AAATGGCTTTGCCTCCACCAAAAGACATAGAGATTCTTACCTCTATGCTAAGTTTGTGTTTGGGTACCC
TCTAGTTTGGCATCAGAGGCTCTTGAGCTGGTGTGTTTGTAGGGCATTGCCTCTGTCTGAAGATAAAA
GGATTCTATTAACAGCATTGACATTGATTTTTAATGAAATGAGATATATCTTTTCATAACAGCTGCG
TTTTTTCCCTAACATTTGTTTTGGAGGCTTATCAAGAGTTGGAGAACTAGTGTAGAGCAAAACCT
GCATTTCTCCTACTGGGCCAGCTATTCCACTTAGCTTGGGTGACTAATAGTGCTTTTGGTATCCATTTT
TTGCTACTTCTGACCTTGCTTCCAGGCTACCAATAGCAGAATCAATCCATCTGTCCCTGAGATACTC
ATGTTGTTTCAAATGCCTCCTCCCATTTCTGGCATAGTCTATTCTGTATGTTATGCCCTATCCACA
TGGAATCATTTATCGTCTCTGTAATAAACTGGCCAAGATACTAAAGGCTTACTATTATAGCAGTTTT
TAATTACTTATCATCCAATTATTTGATTGGAGAAGAGGGGGCATTCACTCCTTTTTCTTATTTTTT
TTGGAATAGAGTCTCAACTTACTCTGTGCCAGGGCTGGAGTGCAGTGACGTGATCACAGTTCACTGC
AGCCTCAAACCTCCAGGCTCAAGCAATCTTCTACCTCAGCCCTCTGAGTAATTGGGACTACAGGCAT
GTATCACCAGGCTTGGCTAATTTTTTTTTTTTTTTTGTAGAGATGGCTGTCTCACTCTGTTGACAAGA
CTAGTCTCCAACCCCTGGCCTCAGTCGATCCCCAGCAATTTGGGAGATTGAAGCGAGAGAATCACTTGA
GTCTAGGAGTTCAAGACCAGCCTAGGCAACATAGTAAGATCTCATTTCTACAAAAAATTTAAAAATTAG
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TCAGAGGTCAAGGCTGCAATGAGCCAACGTTGCACCACTGCACTTAGCCTGGGTGACAGAGCGAGACC
TTGTCTCAAAACAAAACAAAGTGCTGGAATTGCAGACTTGAGCCACAGTGCCCAAGCCTCACTTCTTAG
ACTATGATGGTTTTTCTTATTCTATAATCTCTTTTCCAAATTGGTTCAACATTTTGTGAACACTATT
AATTTATCATTTAGTATATGTTGGGCTTTCTAAATATGCCAATTTTTTCCACTTAATCAAGTTTGAC
TTAATTTAAACAAAGTGATTATATTTAATAGTTACATTTCTGTTTTTCCACTCACTAGCCAGCTTACA
GTTTATTAGCCCTTGATTTCACTGAAAAATATTATGCTGTCACCCCTTCATGATAGTTCTTTCTTTAC
GTATACATACTGTATTCAATATGCAAGAACAGGCAAAAACTACTCTATTGTGATAAAAAATCAGAATAGT
AATTGCCTGAGGAAAGGATATGAGAGAACTTGAGAGAACTTTCTCGGGGTGATGGAAGTTTCTTATA
TTGATTTGGGTAATAGTAACATAGCTATATGTATATATTAGTTAAATTCCTCACACTAAACATTTTAA
ATTGATATATTTACATTTATGACAATATACCTCAAAGTAAGTTAGGGTAAGAAAAGATAATTACTTACA
TGAAATAAACAAATGACCTCTTTTATATCAAACCATATACATGTGTATAATTAGGGTATGTATTATGCAC
AGAGAAACAAATTTAGGAAAAATCAAGGAGGGGACGTTTTATCTTCTTACCTATTTACTGAATGCAACAT
TACTGCACACCAAGACAAAAGAGCTCTCCAGGAAAACATTGGATATATTGAGAGCATTAAAGATACTG
CAAAAGCTCTAATAAATTCAGTCTGCTTATTTTCCAAATTTCAATAAATACATACTTAGGAAACTGTG
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_014672.4

Summary: Catalytic ribonuclease component of mitochondrial ribonuclease P, a complex composed of TRMT10C/MRPP1, HSD17B10/MRPP2 and MRPP3, which cleaves tRNA molecules in their 5'-ends (PubMed:18984158, PubMed:25953853). The presence of TRMT10C/MRPP1, HSD17B10/MRPP2 is required to catalyze tRNA molecules in their 5'-ends (PubMed:25953853).[UniProtKB/Swiss-Prot Function]

Locus ID: 9692

MW: 77.4