

Product datasheet for **SC307579**

RBPMS2 (NM_194272) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBPMS2 (NM_194272) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBPMS2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_194272 edited
GACGCGGAGGCTGCCCTCTCACTGCCCCGTGGGTCCCCCGCCACCCGCTCCGCACCCGC
GAGCGCACCGCTCCCCGCGCCCCCTTCCACTTCCCGGGGGCGCGCGCGCTCGCCCT
CGCGTTCTTCCCGCGCCCCCTCCCCGCACCATGAGCAACCTGAAGCCGGACGGCGAG
CACGGCGCAGCACCGGCACCGGCTCCGGCGCGGGCTCCGGCGCGCCCTGGAGGAGGAG
GTCCGGACACTGTTTGTACGCGGCTCCCTGTGGACATTAAACCCAGAGAACTCTACTTG
CTCTTCCGGCCGTTCAAGGGGTATGAAGGTCCCTGATCAAGCTCACTGCAAGACAGCCT
GTTGGTTTTGTGATCTTTGACAGCCGTGCAGGAGCAGAAGCGGCCAAGAATGCGCTGAAC
GGTATTCGCTTTGATCCCGAAAATCCACAGACTCTGAGGCTAGAGTTTGCCAAAGCCAAC
ACCAAGATGGCCAAAGAGCAAGCTAATGGCAACTCCAAATCCCAGCAACGTGCACCCCGCC
CTAGGAGCACACTTCATCGCACGGGACCCCTATGACCTGATGGGGGCTGCTCTGATCCCT
GCATCCCCAGAGGCTGGGCCCCCTACCCTTTGTACACCACAGAGCTGACCCAGCCATC
TCCCATGCTGCGTTCACCTACCAACTGCCACTGCCGCTGCCCGCGCCCTCCACGCTCAG
GTGCGCTGGTACCCTTCTCTGACACCACCCAGCAAGGATGGAAGTACCGTCAGTTCTGT
TAGTTTTTCAGTCTGGTACCGGGGAGGTGGTTCTGGTAATCTGTGGTGGTGCCGGGACA
GGCGCCCCGAGTTCCCACTGCCCCCGGGCGGCTGCACAGAGCTGCTGCCCTCCAGAGAC
TGTGAATCCCAAGCCTGACTCAGTGGACTGCTTCTGTTCCCTCCCTCTCTCTCTCAC
CTTGTTCTGCACCTCAAGCCTTTCTCCAATGCCTCCCAGGAGGATTTGGGGACTTTCTC
CCTGGGGCGCCAGATCCAGCTCGGAGGCTCACTGGGACCTGGCAAGGCCTGACCTCCC
GCCCAAATTGCTTCTGTAGTCCCCCTCGAGGAAGTGAGGTGTTTAATTTTGCATGTTT
TCTGGCATGAATTAAGACACTTATACTTGTATATATGAGTGTACAGTTTGTCTCACACT
GTCACCATAGCGACAGGTCCTGGCTCCCACTGGTTCATCCTGCCTGCCCTCTCTCTCG
CCCCGCCCTGCACCCACCCCGCTTCAGGGAGGCCCAAGTTCGTTGGCCCCACACGCTTC
CAGGCTCAGTCCCACTCCACCAACAGATAGATGGGGTTTGCTTTTTTCATTTACATG
GGGCTCCTCCGCTCCTGCCTTCTCGGATGGGCCAACAGTCGTAAGAAAGCCCTCTCTGCC
CGTTCTGTTACCTCTCCACAGCGACCCCGCCCGCGCTGCTCCTATTCTTTCCAAAC
CTCGAAACCAACCAAAACGTGAGAAGTATTTTTGTACCCTGTGTAACAAAATATTTATGC
ATCATAAAGGATTTTTCATGTGCGTACCATTAAATTATTAAGAGTCAGCAACTGCAGCAG
GCACCCTGATTTTTACCCGCCCCCCCCGAAGAGTCCTTTCTTCCCCAACCCAAAAGAT
TTGTGCGTCCTAATAGATTTTTCGTGGGAACCCGTTATTTTTGCAACGACCTCGTTCCG
CCCTGTCAGATAAGTTTAAATGTTTGTGTTGAGGATGAAGAAGAAAGGGTTTCCATTCT
TCAGCAGTACGCTTTGTGTCTGGCATTGTTTAAAGAAAATGAAATGAAGGAAACACTGT
GCAATGTTTTTTGTTTTGAGCATATCAGTGCTTTACTGTGACCCGAGCTGTGACCGTCT
GGCCATTTTCAGACTTGGGAGATGAGGCGGCTGTTGTATTGCTGATCCTGTGAGAATGTG
AACTGGATAATATGAAATGCAAAATAAAACAAAACCAAAAAAAAAAAAAAAAAAAAAA
AAAAAA

Restriction Sites: Please inquire

ACCN: NM_194272

Insert Size: 2100 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_194272.1, NP_919248.1</u>
RefSeq Size:	2019 bp
RefSeq ORF:	630 bp
Locus ID:	348093
UniProt ID:	<u>Q6ZRY4</u>
Cytogenetics:	15q22.31
Gene Summary:	The protein encoded by this gene is a member of the RNA recognition motif (RRM)-containing protein family and is involved in the development and dedifferentiation of digestive smooth muscle cells. The encoded protein functions as a homodimer and indirectly inhibits the bone morphogenetic protein pathway. [provided by RefSeq, Aug 2016] Transcript Variant: This variant (1) represents the protein-coding transcript.