

Product datasheet for SC301352

RBPMS (NM_001008712) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBPMS (NM_001008712) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBPMS
Synonyms:	HERMES
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301352 representing NM_001008712. Blue=Insert sequence Red=Cloning site Green=Tag(s)

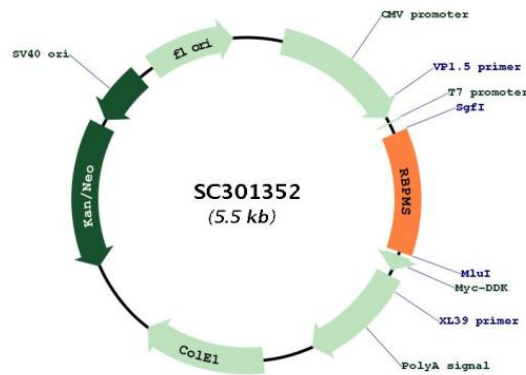
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAACAACGGCGCAAAGCCGAGAAGGAGAACCCCGAGCGAGGCCAACCTTCAGGAGGAGGAGGTC
CGGACCCATTTGTAGTGGCCTTCTCTGGATATCAAACCTCGGGAGCTCTATCTGCTTTTCAGACCA
TTTAAGGGCTATGAGGGTCTCTTATAAAGCTCACATCTAAACAGCCTGTAGGTTTTGTAGTTTTGAC
AGTCGCTCAGAAGCAGAGGCTGCAAAGAATGCTTTGAATGGCATCCGCTTCGATCCTGAAATTCGCAA
ACACTACGACTAGAGTTTGTAAAGCAAACACGAAGATGGCCAAGAACAACCTCGTAGGGACTCCAAAC
CCCAGTACTCCTCTGCCAACACTGTACCTCAGTTCATTGCCAGAGGCCATATGAGCTCACAGTGCCT
GCACTTTACCCAGTAGCCCTGAAGTGTGGGCCCGTACCCTCTGTACCCAGCGGAGTTAGCGCCTGCT
CTACCTCCTCCTGCTTTACCTATCCCGCTTCACTGCATGCCAGTGTCTCTCCTGAGCAAAGCCC
AACACACCTGTCTTTGTCCACTTCTCCAGCAAATTAGATTTGTCTCTGGGAATGTGTTGTAACATAC
CAACCTACTGCAGACCAGCAGAGGGAGCTCCCATGTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:



ACCN: NM_001008712

Insert Size: 660 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: [NM_001008712.2](https://www.ncbi.nlm.nih.gov/RefSeq/ accession/taxonomy/NCBI/10981/1/10981.2/10981.2.2)

RefSeq Size: 1366 bp

RefSeq ORF: 660 bp

Locus ID: 11030

UniProt ID: [Q93062](#)

Cytogenetics: 8p12

Protein Families: Stem cell - Pluripotency

MW: 24.3 kDa

Gene Summary: This gene encodes a member of the RNA recognition motif family of RNA-binding proteins. The RNA recognition motif is between 80-100 amino acids in length and family members contain one to four copies of the motif. The RNA recognition motif consists of two short stretches of conserved sequence, as well as a few highly conserved hydrophobic residues. The encoded protein has a single, putative RNA recognition motif in its N-terminus. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2013]
Transcript Variant: This variant (3) lacks several exons and its 3'-terminal exon extends past a splice site that is used in variant 1. The encoded isoform (C) has a longer and distinct C-terminus, compared to isoform A.