

Product datasheet for SC320655

RBPMS (NM 001008712) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: RBPMS (NM_001008712) Human Untagged Clone

Tag:Tag FreeSymbol:RBPMSSynonyms:HERMES

Mammalian Cell

Selection:

Neomycin

Vector:pCMV6-AC (PS100020)E. coli Selection:Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001008712.1

CACTCAGCGGCTCTCGGGTCCCAGCGTCCCAGCCGCGCCCGCGCTCCTCCGCCCCGCTC CTCCTCCTCTCCTCCTCCTCCTCTCTAGGCACCCCGTCCCCTCCTTCCAGCG GCTGCAGCCCCAGCCCCAACTCTCCGCGCTTACTCCTGGGACGCGCGTCCTCGCCCCAT CCTTTGCTTCCTTCCTTCCTTCTTCCTTCCTCCCCTGGCTCCCGCCCTCCCTCTCC AGGTCGCCCTCCCGGGGCCCGATTGTCTCGGTGCCCCGCTCCCGGCCCGCGCCCTGCCCC GTCTCTCCCTTGCACTTCCTGAGTCGCCCGCCGCCGCCGTCGCAGACTCGCCGCGGGAGC CCCAGCCCAACCCGAGCCCGACAGCCACTGCCCCGGCTCCAGCTCCAGCCCCACAGCCCG CGGCGCCCGAGGGAGCCCCGGCGCCCGGGGAAGGCTCCAGTGGGCTAGCGCCCCT ACGGCGGCAAAGCCGAGAAGGAGAACACCCCGAGCGAGGCCAACCTTCAGGAGGAGGAGG TCCGGACCCTATTTGTCAGTGGCCTTCCTCTGGATATCAAACCTCGGGAGCTCTATCTGC TTTTCAGACCATTTAAGGGCTATGAGGGTTCTCTTATAAAGCTCACATCTAAACAGCCTG TAGGTTTTGTCAGTTTTGACAGTCGCTCAGAAGCAGAGGCTGCAAAGAATGCTTTGAATG GCATCCGCTTCGATCCTGAAATTCCGCAAACACTACGACTAGAGTTTGCTAAGGCAAACA CGAAGATGGCCAAGAACAAACTCGTAGGGACTCCAAACCCCAGTACTCCTCTGCCCAACA CTGTACCTCAGTTCATTGCCAGAGAGCCATATGAGCTCACAGTGCCTGCACTTTACCCCA GTAGCCCTGAAGTGTGGGCCCCGTACCCTCTGTACCCAGCGGAGTTAGCGCCTGCTCTAC CTCCTCCTGCTTTCACCTATCCCGCTTCACTGCATGCCCAGTGTTTCTCTCCTGAGGCAA AGCCCAACACCTGTCTTTTGTCCACTTCTCCAGCAAATTAGATTTGTCTCTGGGAATG TGTTTGTAACATACCAACCTACTGCAGACCAGCAGAGGGAGCTCCCATGTTGAATTTGTT TGTTAGCTATTTTCCCCCCTTTCACAAAAACTATTTCTTGACGACCTTTGAGAGATTTCA

Restriction Sites: Please inquire ACCN: NM_001008712



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RBPMS (NM_001008712) Human Untagged Clone - SC320655

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 001008712.1</u>, <u>NP 001008712.1</u>

 RefSeq Size:
 1438 bp

 RefSeq ORF:
 660 bp

 Locus ID:
 11030

 UniProt ID:
 Q93062

Protein Families:

Cytogenetics: 8p12

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]

Stem cell - Pluripotency

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.