

## Product datasheet for **SC301350**

### RBPMs (NM\_001008710) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RBPMs (NM_001008710) 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:	>SC301350 representing NM_001008710. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGAACAACGGCGCAAAGCCGAGAAGGAGAACCCCCGAGCGAGGCCAACCTTCAGGAGGAGGAGGTC
CGGACCCATTTGTCAGTGGCCTTCTCTGGATATCAAACCTCGGGAGCTCTATCTGCTTTTCAGACCA
TTTAAGGGCTATGAGGGTTCTCTATAAAGCTCACATCTAAACAGCCTGTAGGTTTTGTCAGTTTTGAC
AGTCGCTCAGAAGCAGAGGCTGCAAAGAATGCTTTGAATGGCATCCGCTTCGATCCTGAAATTCGCAA
ACACTACGACTAGAGTTTGCTAAGGCAAACACGAAGATGGCCAAGAACAACCTCGTAGGGACTCCAAAC
CCCAGTACTCCTCTGCCAACACTGTACCTCAGTTCATTGCCAGAGGCCATATGAGCTCACAGTGCCT
GCACTTTACCCAGTAGCCCTGAAGTGTGGGCCCGTACCTCTGTACCCAGCGGAGTTAGCGCCTGCT
CTACCTCCTCCTGCTTTACCTATCCCGTTCACTGCATGCCAGATGCGCTGGCTCCCTCCCTCCGAG
GCTACTTCTCAGGGCTGGAAGTCCCGTCAGTTCTGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001008710
Insert Size:	591 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).



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<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001008710.2</a>
<b>RefSeq Size:</b>	2932 bp
<b>RefSeq ORF:</b>	591 bp
<b>Locus ID:</b>	11030
<b>UniProt ID:</b>	<a href="#">Q93062</a>
<b>Cytogenetics:</b>	8p12
<b>Protein Families:</b>	Stem cell - Pluripotency
<b>MW:</b>	21.8 kDa
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) encodes isoform A. Variants 1 and 4 encode the same isoform.</p>