

## Product datasheet for **SC331592**

### **RBM10 (NM\_001204468) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RBM10 (NM_001204468) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBM10
Synonyms:	DXS8237E; GPATC9; GPATCH9; S1-1; TARPS; ZRANB5
Vector:	pCMV6-Entry (PS100001)



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**Fully Sequenced ORF:** >SC331592 representing NM\_001204468.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCTGGGAGCCCTTCCTTGACAGCCCGGCCGAGAAGGTGAGCGTCGACGCTGGTCGTGGGGCGGA
GAGTCCCTGCAGGAAGCATCACCCAGGCTGGCAGATCATGGTAGCAGCAGCGGGGTGGCTGGGAAGTG
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CCCCGAGACGGGACTATCGGGACCAGGACTATCGGACCAGCAAGGGGAGGAGGAGGAGGAGGAGGAG
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CGCAAGAAGCAGGGCATTGTAAACGCTATCGAGGCCAAACACGGGTGCGGGGCTCCGGCCTGGGTGCA
CGGGCAGCTCCTACGGGTACCTCAACCGAGTCTACAAGGAGACTGCACAAGACAATGGTGACC
CGCTTCAACGAGGCCAGTGA
  
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001204468

<b>Insert Size:</b>	2988 bp
<b>OTI Disclaimer:</b>	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).
<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_001204468.1</a>
<b>RefSeq Size:</b>	3443 bp
<b>RefSeq ORF:</b>	2988 bp
<b>Locus ID:</b>	8241
<b>UniProt ID:</b>	<a href="#">P98175</a>
<b>Cytogenetics:</b>	Xp11.3
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	110.4 kDa
<b>Gene Summary:</b>	<p>This gene encodes a nuclear protein that belongs to a family proteins that contain an RNA-binding motif. The encoded protein associates with hnRNP proteins and may be involved in regulating alternative splicing. Defects in this gene are the cause of the X-linked recessive disorder, TARP syndrome. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Mar 2011]</p> <p>Transcript Variant: This variant (5) uses an alternate splice site in the 5' coding region and initiates translation at an upstream in-frame start codon, compared to variant 1. The encoded isoform (5) has a distinct N-terminus and is longer than isoform 1.</p>