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Product datasheet for SC328968

RBM6 (NM_001167582) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBM6 (NM_001167582) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBM6
Synonyms:	3G2; DEF-3; DEF3; g16; HLC-11; NY-LU-12
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

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Fully Sequenced ORF:

>NCBI ORF sequence for NM_001167582, the custom clone sequence may differ by one or more nucleotides

ATGATCCAGGACAAAGAAGTTACCCTGGAGTATGTATCAAGCCTGGATTTTTGGTACTGC
AAACGATGTAAGGCAAACATTGGTGGGCACCGATCTTCCTGTTCATTCTGCAAGAACCCA
AGAGAAGTGACAGAGGCCAAGCAAGAATTAATAACCTACCCTCAGCCTCAGAAAACATCC
ATACCAGCACCATTGGAAAAACAGCCCAACCAGCCCCTAAGACCAGCTGATAAGGAACCT
GAACCCAGGAAGAGGGAAGAAGGCCAAGAGTCACGCTTAGGACATCAAAAGAGAGAAGCA
GAAAGGTATCTGCCTCCTTCTCGAAGGGAAGGGCCAACTTTCCGAAGAGACCGAGAGAGG
GAGTCATGGTCTGGAGAGACACGCCAGGATGGAGAGAGCAAAACTATCATGCTAAAGCGT
ATCTATCGTTCCACACCACCTGAGGTGATAGTGGAAGTGCTGGAGCCCTATGTCCGCCTT
ACTACTGCCAACGTCCGTATCATCAAGAACAGAACAGGCCCTATGGGGCATACCTATGGC
TTTATTGACCTCGACTCCCATGCGGAAGCTCTTCGTGTGGTGAAGATCTTACAGAACCTT
GATCCGCCATTTAGCATTGATGGGAAGATGGTAGCTGTAAACCTGGCCACTGGAAAACGA
AGAAATGATTCTGGGGACCATTCTGACCACATGCATTACTATCAGGGTAAAAAATATTTC
CGAGATAGGAGGGGAGGTGGCAGAAATTCAGACTGGTCTTCAGATACAAATCGACAAGGA
CAACAGTCATCATCTGACTGCTACATATATGATTCTGCTACTGGCTACTATTATGACCCC
TTGGCAGGAACTTATTATGACCCCAATACCCAGCAAGAAGTCTATGTGCCCCAGGATCCT
GGATTACCTGAGGAAGAAGAGATCAAGGAAAAAAAACCCACCAGTCAAGGAAAGTCAAGT
AGCAAGAAGGAAATGTCTAAAAGAGATGGCAAGGAGAAAAAAGACAGAGGAGTGACGAGG
TTTCAGGAAAATGCCAGTGAAGGGAAGGCCCCTGCAGAAGACGTCTTTAAGAAGCCCCTG
CCTCCTACTGTGAAGAAGGAAGAGAGTCCCCCTCCACCTAAAGTGGTAAACCCACTGATC
GGCCTCTTGGGTGAATATGGAGGAGACAGTGACTATGAGGAGGAAGAAGAGGAGGAACAG
ACCCCTCCCCCACAGCCCCGCACAGCACAGCCCCAGAAGCGAGAGGAGCAAACCAAGAAG
GAGAATGAAGAAGACAAACTCACTGACTGGAATAAACTGGCTTGTCTGCTTTGCAGAAGG
CAGTTTCCCAATAAAGAAGTTCTGATCAAACACCAGCAGCTGTCAGACCTGCACAAGCAA
AACCTGGAAATCCACCGGAAGATAAAACAGTCTGAGCAGGAGCTAGCCTATCTGGAAAGG
AGAGAACGAGAGGGAAAGTTTAAAGGAAGAGGAAATGATCGCAGGGAAAAGCTCCAGTCT
TTTGACTCTCCAGAAAGGAAACGGATTAAGTACTCCAGGGAAACTGACAGTGATCGTAAA
CTTGTTGATAAAGAAGATATCGACACTAGCAGCAAAGGAGGCTGTGTCCAACAGGCTACT
GGCTGGAGGAAAGGGACAGGCCTGGGATATGGCCATCCTGGATTGGCTTCATCAGAGGAG
GCTGAAGGCCGGATGAGGGGCCCCAGTGTTGGAGCCTCAGGAAGAACCAGCAAAAGACAG
TCCAACGAGACTTACCGAGATGCTGTTCGAAGAGTCATGTTTGCTCGATATAAAGAACTC
GATTAA

Restriction Sites: Please inquire

ACCN: NM_001167582

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_001167582.1, NP_001161054.1
RefSeq Size:	2245 bp
RefSeq ORF:	1806 bp
Locus ID:	10180
UniProt ID:	P78332
Cytogenetics:	3p21.31
Gene Summary:	Specifically binds poly(G) RNA homopolymers in vitro.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks several internal exons in the CDS, as compared to variant 1. This results in a downstream in-frame AUG start codon, and the resulting isoform (2) has a shorter N-terminus, as compared to isoform 1. Variants 2, 3, 4, 5, and 6 all encode the same isoform (2).