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Product datasheet for SC331590

RBM10 (NM_001204466) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBM10 (NM_001204466) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBM10
Synonyms:	DXS8237E; GPATC9; GPATCH9; S1-1; TARPS; ZRANB5
Vector:	pCMV6-Entry (PS100001)

Fully Sequenced ORF:

>SC331590 representing NM_001204466.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGAGTATGAAAGACGTGGTGGTCGTGGTGACAGGACTGGCCGCTATGGAGCCACTGACCGCTCGCAG
GATGATGGTGGGGAGAACCGCAGCCGAGACCACGACTACCGGGACATGGACTACCGTTCATATCCTCGC
GAGTATGGCAGCCAGGAGGGCAAGCATGACTATGACGACTCATCTGAGGAGCAGAGTGCGGAGATCCGT
GGCCAGCTGCAGTCGCACGGCGTGCAAGCACGGGAGGTTCGGCTGATGCGGAACAAATCTTCAGGTCAG
AGCCGGGGCTTCGCCTTCGTCGAGTTTAGTCACTTGCAGGACGCTACACGATGGATGGAAGCCAATCAG
CACTCCCTCAACATCCTGGGCCAGAAGGTGTCGATGCACTACAGTGACCCCAAGCCCAAGATCAATGAG
GACTGGCTGTGCAATAAGTGTGGCGTCCAGAACTTCAAACGCCGAGAGAAGTGCTTCAAATGTGGCGTG
CCCAAGTCAGAGGCAGAGCAGAAGCTGCCCCTCGGCACGAGGCTGGATCAGCAGACACTGCCACTGGGT
GGCCGGGAGCTGAGCCAGGGCCTGCTTCCCCTGCCGCAGCCCTACCAGGCCCAGGGAGTCCTGGCCTCC
CAAGCCCTGTCACAGGGCTCGGAGCCAAGCTCAGAGAACGCCAATGACACCATCATTTTGCGCAACCTG
AACCCACACAGCACCATGGATTCCATCCTGGGGGCCCTGGCACCCTACGCGGTGCTGTCCTCCTCCAAC
GTGCGCGTCATAAAGGACAAGCAGACCCAACTGAACCGCGGCTTTGCCTTCATCCAGCTCTCCACCATC
GTGGAGGCAGCCCAGCTGCTGCAGATCCTGCAGGCCCTGCACCCACCACTCACTATCGACGGCAAGACC
ATCAATGTTGAGTTTGCCAAGGGTTCTAAGAGGGACATGGCCTCCAATGAAGGCAGTCGCATCAGTGCT
GCCTCTGTGGCCAGCACTGCCATTGCTGCGGCCCAGTGGGCCATCTCACAGGCCTCCCAAGGTGGGGAG
GGTACCTGGGCCACCTCCGAGGAGCCGCCGGTCGACTACAGCTACTACCAACAGGATGAGGGCTATGGC
AACAGCCAGGGCACAGAGTCTTCCCTCTATGCCCATGGCTACCTCAAGGGCACCAAGGGCCCTGGCATC
ACTGGAACCAAAGGGGATCCCACTGGAGCAGGTCCCGAGGCCTCCCTAGAGCCTGGGGCCGACTCTGTG
TCGATGCAGGCTTTCTCTCGCGCCCAGCCTGGTGCTGCTCCTGGCATCTACCAACAATCAGCCGAGGCG
AGCAGTAGCCAGGGCACTGCTGCCAACAGCCAGTCGTATACCATCATGTCACCCGCTGTGCTCAAATCT
GAGCTCCAGAGCCCTACCCATCCTAGTTCTGCTCTCCCACCGGCTACCAGCCCCACTGCCCAGGAATCC
TACAGCCAGTACCCTGTTCCCGACGTCTCTACCTACCAGTACGATGAGACCTCCGGCTACTACTATGAC
CCCCAGACCGGCCTCTACTATGACCCCAACTCCCAGTATTACTACAATGCTCAGAGCCAGCAGTACCTG
TACTGGGATGGGGAGAGGCGGACCTATGTTCCCGCCCTGGAGCAGTCGGCCGACGGACATAAGGAGACA
GGGGCACCCTCGAAGGAGGGCAAAGAGAAGAAGGAGAAGCACAAGACCAAGACAGCTCAACAGATTGCC
AAGGACATGGAACGCTGGGCCCGCAGTCTCAACAAACAAAAAGAAAACTTCAAAAATAGCTTCCAGCCT
ATCAGCTCCCTGCGAGATGACGAGAGGCGGGAGTCAGCCACTGCAGATGCTGGCTATGCCATCCTCGAG
AAGAAGGGAGCACTAGCCGAGAGACAGCACACCAGCATGGATCTCCCGAAATTGGCCAGTGACGACCGC
CCAAGCCCTCCGCGAGGACTGGTGGCAGCCTACAGCGGGGAGAGTGACAGTGAGGAGGAGCAGGAGCGT
GGGGGCCCTGAGCGGGAGGAGAAGCTCACCGACTGGCAGAAGCTGGCCTGTCTGCTCTGCCGACGCCAG
TTCCCCAGCAAAGAGGCGCTCATCCGGCACCAGCAGCTCTCAGGGCTCCACAAGCAAAACCTTGAGATT
CACCGGCGAGCCCACTTGTCAGAAAACGAGCTAGAAGCACTAGAGAAGAATGACATGGAGCAAATGAAG
TACCGGGACCGTGCAGCTGAACGCAGAGAAAAGTATGGCATCCCCGAGCCGCCAGAGCCCAAGAGGAGG
AAGTACGGCGGCATATCCACAGCCTCTGTAGACTTCGAGCAGCCTACTCGGGACGGGCTGGGCAGTGAC
AACATTGGCAGTCGGATGCTGCAGGCCATGGGCTGGAAAGAGGGCAGCGGCCTGGGCCGCAAGAAGCAG
GGCATTGTAACGCCTATCGAGGCCCAAACACGGGTGCGGGGCTCCGGCCTGGGTGCACGGGGCAGCTCC
TACGGGGTCACCTCAACCGAGTCCTACAAGGAGACACTGCACAAGACAATGGTGACCCGCTTCAACGAG
GCCCAGTGA

Restriction Sites: SgfI-MluI

ACCN: NM_001204466

Insert Size: 2562 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).

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_001204466.1
RefSeq Size:	3181 bp
RefSeq ORF:	2562 bp
Locus ID:	8241
UniProt ID:	P98175
Cytogenetics:	Xp11.3
Protein Families:	Druggable Genome
MW:	94.5 kDa
Gene Summary:	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] Transcript Variant: This variant (3) lacks an in-frame exon in the coding region, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.