

Product datasheet for **RG200201**

RBM10 (NM_152856) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBM10 (NM_152856) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RBM10
Synonyms:	DXS8237E; GPATC9; GPATCH9; S1-1; TARPS; ZRANB5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG200201 representing NM_152856
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTATGAAAGACGTGGTGGTCGTGGTGACAGGACTGGCCGCTATGGAGCCACTGACCCTCGCAGG
 ATGATGGTGGGGAGAACCGCAGCCGAGACCACGACTACCGGACATGGACTACCGTTCATATCCTCGCGA
 GTATGGCAGCCAGGAGGGCAAGCATGACTATGACGACTCATCTGAGGAGCAGAGTGCGGAGATCCGTGGC
 CAGCTGCAGTCGCACGGCGTGCAAGCACGGGAGGTTTCGGCTGATGCGGAACAAATCTTCAGGTGACAGCC
 GGGGCTTCGCCTTCGTCGAGTTTGTACTTGCAGGACGCTACACGATGGATGGAAGCCAATCAGCACTC
 CCTCAACATCCTGGGCCAGAAGGTGTCGATGACTACAGTGACCCCAAGCCAAGATCAATGAGGACTGG
 CTGTGCAATAAGTGTGGCGTCCAGAACTCAAACGCCGAGAGAAGTGCTTCAAATGTGGCGTGCCCAAGT
 CAGAGGCAGAGCAGAAGCTGCCCTCGGCACGAGGCTGGATCAGCAGACACTGCCACTGGTGGCCGGGA
 GCTGAGCCAGGGCTGCTTCCCCTGCCGACGCCCTACCAGGCCAGGGAGTCTGGCCTCCCAAGCCCTG
 TCACAGGGCTCGGAGCCAAGCTCAGAGAAGCCAATGACACCATCAATTTGCGCAACCTGAACCCACACA
 GCACCATGGATTCCATCCTGGGGCCCTGGCACCCCTACGCGGTGCTGTCCTCCTCAACGTGCGCGTCAT
 AAAGGACAAGCAGACCCAACCTGAACCGCGGCTTTGCCTTCATCCAGCTCTCCACCATCGAGGCAGCCAG
 CTGCTGCAGATCCTGCAGGCCCTGCACCCACCACTCACTATCGACGGCAAGACCAATCAATGTTGAGTTTG
 CCAAGGGTTCTAAGAGGGACATGGCCCTCAATGAAGGCAGTCGCATCAGTGTGCTGCTGTGGCCAGCAC
 TGCCATTGCTGCGGCCAGTGGGCCATCTCACAGGCCCTCCAAGGTGGGGAGGGTACCTGGGCCACCTCC
 GAGGAGCCGCCGCTGACTACAGCTACTACCAACAGGATGAGGGCTATGGCAACAGCCAGGGCACAGAGT
 CTTCCCTCTATGCCCATGGTACCTCAAGGGCACCAAGGGCCCTGGCATCACTGGAACCAAGGGATCC
 CACTGGAGCAGGTCCCGAGGCCCTCCTAGAGCCTGGGGCCGACTCTGTGTCGATGCAGGCTTCTCTCGC
 GCCCAGCCTGGTGTGCTCCTGGCATCTACCAACAATCAGCCGAGGCGAGCAGTAGCCAGGGCAGTGTG
 CCAACAGCCAGTCGTATACCATCATGTACCCGCTGTGCTCAAATCTGAGCTCCAGAGCCCTACCCATCC
 TAGTTCTGCTCTCCACCGGCTACCAGCCCACTGCCAGGAATCCTACAGCCAGTACCCTGTTCCCGAC
 GTCTCTACCTACCAGTACGATGAGACCTCCGGCTACTACTATGACCCCAAGAGCCGCTCTACTATGACC
 CCAACTCCAGTATTACTACAATGCTCAGAGCCAGCAGTACCTGTACTGGGATGGGGAGAGGGCGACCTA
 TGTTCCCGCCCTGGAGCAGTCGGCCGACGGACATAAAGGAGACAGGGGCACCCTCGAAGGAGGGCAAAGAG
 AAGAAGGAGAAGCACAAGACCAAGACAGCTCAACAGATTGCCAAGGACATGGAACGCTGGGCCCGCAGTC
 TCAACAAACAAAAGAAAACCTTCAAAAATAGCTTCCAGCCTATCAGCTCCCTGCGAGATGACGAGAGGCG
 GGAGTCAGCCACTGCAGATGCTGGTATGCCATCCTCGAGAAGAAGGGAGCACTAGCCGAGAGACAGCAC
 ACCAGCATGGATCTCCGAAATTGGCCAGTGACGACCCGCAAGCCCTCCGCGAGGACTGGTGGCAGCCT
 ACAGCGGGGAGAGTGACAGTGGAGGAGCAGGAGCGTGGGGCCCTGAGCGGGAGGAGAAGCTCACCGA
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 CAGCTCTCAGGGCTCCACAAGCAAAACCTTGAGATTCACCGGCGAGCCCACTTGTGAGAAAACGAGCTAG
 AAGCACTAGAGAAGAATGACATGGAGCAAATGAAGTACCGGGACCGTGCAGCTGAACGCAGAGAAAAGTA
 TGGCATCCCCGAGCCGCCAGAGCCCAAGAGGAGGAAGTACGGCGGCATATCCACAGCCTCTGTAGACTTC
 GAGCAGCCTACTCGGGACGGGCTGGGCAGTGACAACATTGGCAGTCGGATGCTGCAGGCCATGGGCTGGA
 AAGAGGGCAGCGCCTGGGCCGCAAGAAGCAGGGCATTGTAACGCCTATCGAGGCCCAAACAGGGTGGC
 GGGCTCCGGCCTGGGTGCACGGGCAGCTCCTACGGGTCACCTCAACCGAGTCTACAAGGAGACACTG
 CACAAGACAATGGTGACCCGCTTCAACGAGGCCAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG200201 representing NM_152856
Red=Cloning site Green=Tags(s)

MEYERRGGRGDRGTGRYGATDRSQDDGGENRSRDHDIRMDYRSPREYGSQEGKHDYDDSSSEEQSAEIRG
QLQSHGVQAREVRLMRNKSSGQSRGFVFEVSHLQDATRWMEANQHSLNILGQKVMHYSQPKPKINEDW
LCNKCGVQNFRRREKCFKCGVPKSEAEQKLPGLTRLDQQTLPGLGRELSQLLLPLPQPYQAQGVLASQAL
SQGSEPSSENANDTIILRNLNPHSTMDSILGALAPYAVLSSSNVRVIKDKQTQLNRGFAFIQLSTIEAAQ
LLQILQALHPPLTIDGKTINVEFAKGSKRDMASNEGSRI SAASVASTIAAAQWAI SQASQGGEGTWATS
EEPPVDYSYYQQDEGYGNSQGTESLYAHGYLKGTKGPGITGKGDPTGAGPEASLEPGADSVSMQAFSR
AQPGAAPGIYQQSAEASSSQGTAANSQSYTIMSPAVLKSELQSPTHSSALPPATSPTAQESYSQYPVPD
VSTYQYDETSGYYYDPQTGLYYDPNSQYYNAQSQQYL YWDGERRTYVPALEQSADGHKETGAPSKEGKE
KKEKHKTAKQQAIAKDMERWARSLNKQKENFKNSFQPISSLRDDERRESATADAGYAILEKKGALAERQH
TSMDLPKLASDDRPSPRGLVAAYSGESDSEEEQERGGPEREKLTDWQKLAACL CRRQFPSKEALIRHQ
QLSGLHKQNL EIHRRHLSENELEALEKNDMEQMKYRDRAAERREKYGIPEPPEPKRRKYGGISTASVDF
EQPTRDGLGSDNIGSRMLQAMGWKEGSLGRKKQIVTPIEAQTRVIRGSLGARGSSYGVSTSTESYKETL
HKTMTVTRFNEAQ

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

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_152856.3](#)

RefSeq Size: 3190 bp

RefSeq ORF: 2559 bp

Locus ID: 8241

UniProt ID: [P98175](#)

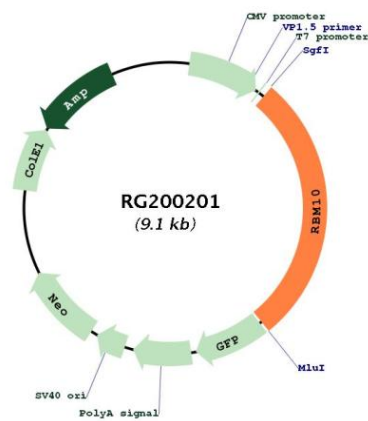
Cytogenetics: Xp11.3

Domains: G-patch, RRM, zf-RanBP, zf-C2H2

Protein Families: Druggable Genome

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]

Product images:



Circular map for RG200201