

Product datasheet for **RC224771**

RBM6 (NM_005777) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RBM6 (NM_005777) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: RBM6
Synonyms: 3G2; DEF-3; DEF3; g16; HLC-11; NY-LU-12
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC224771 representing NM_005777
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGGGGATTCTCGACCTGCTAACAGAAGTGGACCTTTTCGTGGGAGCCAAGAAGAAAGTTTGCTC
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TCCTGGCAGAGATTCACCTCCCTTTGATTTCCAGGGCATTCCGGGCCTCCTTTTGCAAATGTAGAGGAG
CATTCTTTAGCTATGGAGCTAGAGACGGACCGCATGGTACTATCGAGGAGGGGAGGGACTGGACATG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC224771 representing NM_005777
 Red=Cloning site Green=Tags(s)

MWGDSRPANRTGPFGRGSQEERFAPGWNRDYPPLKSHAQERHSGNFPGRDSLPPDFQGHSGPPFANVEE
 HSFSYGARDGPHGDYRGEGPGHDFRGGDFSSSDFQSRDSSQLDFRGRDIHSGDFRDREGPPMDYRGGDG
 TSMDYRGREAPHMNYRDRDAHAVDFRGRDAPPSDFRGRGTYDLDFRGRDGSHADFRGRDLSDLDFRAREQ
 KRSDFRNRDVSDDLFRDKDGTQVDFRGRGSGTTDLDFRDRDTPHSDFRGRHRSRTDQDFRREMGSCEF
 KDREMPVDPNILDYIQPSTQDREHSGMNVNRREESTHDHTIERPAFGIQKGEFEHSETREGETQGVAFE
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 EYNTGYDYGVCVEFSLLEDAIGCMEANQGLMIQDKEVTLEYVSSLDWFYCKRCKANIGHRSSCSFCCK
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 KQNL E IHRKIKQSEQLAYLERREREGKFKGRGNDRREKLQSFDSPERKRIKYSRETDSDRKLVDKEDID
 TSSKGGCVQQATGWRKGTGLGYGHPGLASSEAEGRMRGSPVGSGRTSKRQSNETYRDAVRRVMFARYK
 ELD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8045_a01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

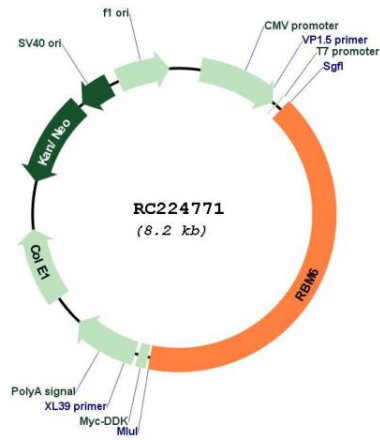


ACCN: NM_005777

ORF Size: 3369 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_005777.1 , NP_005768.1
RefSeq Size:	3639 bp
RefSeq ORF:	3372 bp
Locus ID:	10180
UniProt ID:	P78332
Cytogenetics:	3p21.31
Domains:	G-patch, RRM
MW:	128.5 kDa
Gene Summary:	Specifically binds poly(G) RNA homopolymers in vitro.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC224771