

## Product datasheet for **MR226687**

### **Rbm10 (NM\_001167775) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rbm10 (NM_001167775) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rbm10
Synonyms:	E430039K10Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR226687 representing NM\_001167775  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGTATGAAAGACGAGGTGGTCGTGGTGACAGGACTGGCCGCTATGGAGCCACTGATCGTTCACAGG  
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 GTATGGCAGTCAGGAGGGCAAGCATGAGTATGACGACTCATCTGAAGAGCAAAGTGCAGAGGATTCTAC  
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**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR226687 representing NM\_001167775  
 Red=Cloning site Green=Tags(s)

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MEYERRGGRDRTGRYGATDRSQDDSGENRSRDHDYRDMYRSPREYGSQEGKHEYDSSSEEQSAEDSY
EASPGSETQRRRRRRHRHSPTGPPGFRDGDYRDQDYRTEQEEEEEEDEEEEEKASNI VMLRMLPQAA
TEDDIRGQLQSHGVQAREVRLMRNKSSGQSRGF AFVEF SHLQDATRWMEANQHSLN I LGQKVSMHYSDPK
PKINEDWLCNKCGVQNFKRREKCFKCGVPKSEAEQK LPLGTRLDQQALPLGGREL SQGLLPLPQPYQAQG
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STIVEAAQLLQILQALHPPLTIDGKTINVEFAK GSKRDMASNEGSRINAASVASTAIAAAQW AISQASQG
GESAWAAPEEPPVDYSYYQQDEGYSSQGTDSL YAHGYLKNSKGPGMTGKGDPA GTGPEASLEAGADSV
SLQAFSRAQPGAAPGLYQSAEGSSGQSTATNSQSYTII SPAVLKAE LQSP TQPSSSAFP PATSPTAPEA
YSQYPVPDVSTYQYDETS GYYYPQTGL YDPNSQYYNAQSQQYL YWDGERRTYIPALEQSADGHKDTG
ASSKEGKEKKEKHKTKTAQQIAKDMERWARSLNKQENFKNSFQPI SALRDDRRESATADAGYAILEKK
GALAERQHTSMDLPK LASDDRPSPPRGLVAAYS GEGSDSEEEQERGGPEREEKLTDWQKLACLLCRRQFPS
KEALIRHQQLSGLHKQNL EIHRAHLSENELEALEKNDMEQMKYRDRAAERREKYGIPEPPEPKRRKYGG
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TESYKELHKT MVTRFNEAQ
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

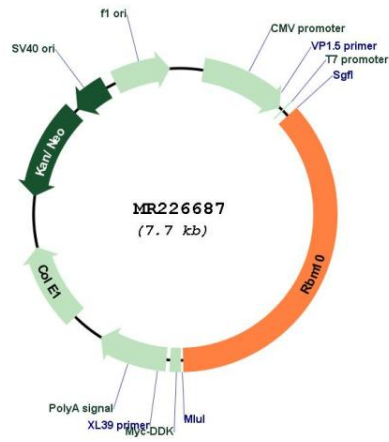


**ACCN:** NM\_001167775

**ORF Size:** 2787 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_001167775.1</a> , <a href="#">NP_001161247.1</a>
<b>RefSeq Size:</b>	3715 bp
<b>RefSeq ORF:</b>	2790 bp
<b>Locus ID:</b>	236732
<b>UniProt ID:</b>	<a href="#">Q99KG3</a>
<b>Cytogenetics:</b>	X A1.3
<b>MW:</b>	103.8 kDa
<b>Gene Summary:</b>	Not known. Binds to RNA homopolymers, with a preference for poly(G) and poly(U) and little for poly(A) (By similarity). May bind to specific miRNA hairpins (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR226687