

Product datasheet for **RC202568**

RBM19 (NM_016196) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBM19 (NM_016196) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RBM19
Synonyms:	Mrd1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC202568 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

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Protein Sequence: >RC202568 protein sequence
 Red=Cloning site Green=Tags(s)

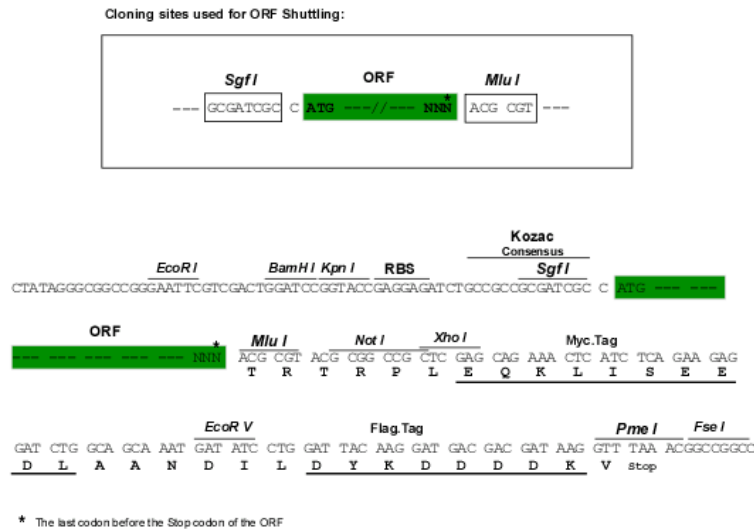
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Chromatograms: https://cdn.origene.com/chromatograms/mk6691_d12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

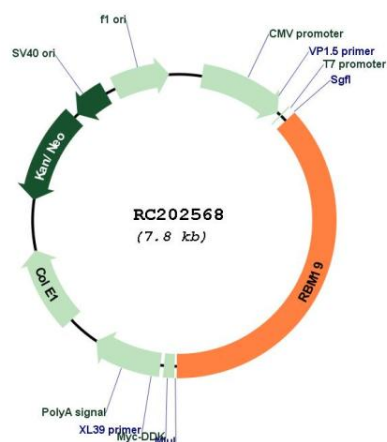


ACCN: NM_016196

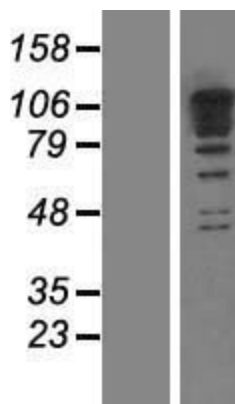
ORF Size: 2880 bp

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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_016196.4
RefSeq Size:	4217 bp
RefSeq ORF:	2883 bp
Locus ID:	9904
UniProt ID:	Q9Y4C8
Cytogenetics:	12q24.13-q24.21
Domains:	RRM, RRM_1
MW:	107.3 kDa
Gene Summary:	This gene encodes a nucleolar protein that contains six RNA-binding motifs. The encoded protein may be involved in regulating ribosome biogenesis. Multiple alternatively spliced variants, encoding the same protein, have been identified.[provided by RefSeq, Apr 2009]

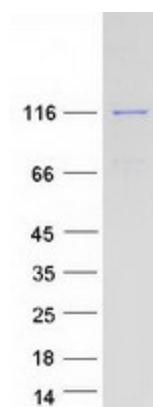
Product images:



Circular map for RC202568



Western blot validation of overexpression lysate (Cat# [LY432073]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC229046] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified RBM19 protein (Cat# [TP302568]). The protein was produced from HEK293T cells transfected with RBM19 cDNA clone (Cat# RC202568) using MegaTran 2.0 (Cat# [TT210002]).