

## Product datasheet for **RG215972**

### **RBM47 (NM\_019027) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RBM47 (NM_019027) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RBM47
Synonyms:	NET18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG215972 representing NM\_019027  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACCGCAGAGGATTCCACCGCAGCCATGAGCAGTACTCGGCCCGGGTCTCGGCCAAGGTGCCCC  
 AGGGCGTGGCGGGCGCGCCAACGAGGCAGCACTGCTGGCGCTGATGGAGCGCACGGGCTACAGCATGGT  
 GCAAGAGAACGGGCGAGCGCAAGTACGGCGGCCACCGCCCGGCTGGGAGGGCCCGCACCCGACGCGTGGC  
 TGCGAGGTCTTCGTGGGCAAGATCCCGCGCAGCTGTACGAGGACGAGCTGGTGCCTGTTCGAGGCGG  
 TGGGCCGACCTACGAGCTGCGCCTCATGATGGACTTTGACGGCAAGAACCAGCGGCTACGCTTCGTCAT  
 GTACTGCCACAAGCAGAGGCCAAGCGCGCAGTGCCTGAGCTCAACAACACGAGATCCGCCCGGGCCGC  
 CTGCTCGCGTGTGCTGCAGCGTGGACAACGCGCCTTTCATCGCGGGATCCCCAAGATGAAGAAGC  
 GCGAGGAAATCCTGGAGGAGATTGCCAAGGTACCGAGGGCGTGTGGACGTGATCGTCTACGCCAGCGC  
 GGCCGACAAGATGAAGAACCAGCGCTTCGCTTCGTGGAGTACGAGAGCCACCGCGGGTCCCATGGCT  
 CGCCGCAAGCTCATGCCTGGCCGCATCCAGCTGTGGGGCCACCAGATCGCCGTGGACTGGGCCGAGCCTG  
 AGATCGAGCTGGACGAGGACGTGATGGAGACCGTGAAGATCCTCTACGTGCGCAACCTCATGATCGAGAC  
 CACCGAGGACACCATCAAGAAGAGCTTCGGCCAGTTCAACCCCGGCTGCGTGGAGCGCGTCAAGAAGATC  
 CGCGACTACGCTTCGTGCACTTACCAGCCGCGAGGATGCCGTGCATGCCATGAACAACCTCAACGGCA  
 CTGAGCTGGAGGGCTCGTGCCTGGAGGTACGCTGGCCAAAGCCGTGGACAAGGAGCAGTACTCGCGCTA  
 CCAGAAGCAGCCAGGGCGGGCGCGGCTGAGGCAGCGCAGCAGCCAGCTACGTGTACTCCTGCGAC  
 CCCTACACTGGCCTACTACGGCTACCCTACAACGCGCTCATTGGGCCAACAGGGACTACTTTGTGA  
 AAGTAGCCATCCCTGCCATTGGGGCTCAGTATTCATGTTTCCAGCAGCTCCAGCCCTAAAATGATTGA  
 AGATGGCAAAAATCCACACAGTGGAGCACATGATCAGCCCCATTGCTGTGCAGCCAGCCAGCCAGTGTCT  
 GCTGCCGCGCAGCCGCGCCGCGAGCCGCGCAGCCGCTGTCATTCCACTGTGTGACGCCACCCACTT  
 TCCAGGGCCGCCAATAACTCCAGTATACAGGTGGCTCCAAACGTTCCAGAGAATTCCTACTGCCGGAT  
 CTACGGGGCCAGTTACGTGCCATTTGCTGCTCCAGCTACAGCCACGATCGCCACACTACAGAAGAAGCGG  
 GCAGCCGCGCGCCGCTGTATGGAGGATACGCAGGCTACATACCTCAGGCCTTCCTGCTGCTGCCATTC  
 AGGTCCCCATCCCCGACGCTACCAGACATAC

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>RG215972 representing NM\_019027  
 Red=Cloning site Green=Tags(s)

MTAEDSTAAMSSDSAAGSSAKVPEGVAGAPNEAALLALMERTGYSMVQENGQRKYGGPPPGWEGPHPRG  
 CEVFGKIPRDVYEDELVPVFEAVGRTYELRLMDFDGKNRGYAFVYCHKHEAKRAVRELNNYEIRPGR  
 LLGVCCSVDNCRFLIGGIPKMKKREEILEEIAKVTEGLDVIYVYASAADKMKNRGFVVEYESHRAAMA  
 RRKLMGPRIQLWGHQIAVDWAEPEIDVDEDVDMETVKILYVRNLMIETTEDTIKKSFGQFNPGCVERVKKI  
 RDYAFVHFTSREDAVHAMNNLNGTELEGSCLVTLAKPVDKEQYSRYQKAARGGGAAEAQQPSYVYSCD  
 PYTLAYYGYPYNALIGPNRDYFVKVAIPAIGAQYSMFPAAPAPKMIEDGKIHTVEHMISSIAVQDPDASA  
 AAAAAAAAAAAAVIPTVSTPPPFQGRPITPVYTVAPNVQRIPTAGIYGASYVPFAAPATATIATLQKNA  
 AAAAAVYGGYAGYIPQAFPAAAIQVPIPDVYQTY

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_019027

**ORF Size:** 1572 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.

**RefSeq:** [NM\\_019027.2](#)

**RefSeq Size:** 4020 bp

**RefSeq ORF:** 1575 bp

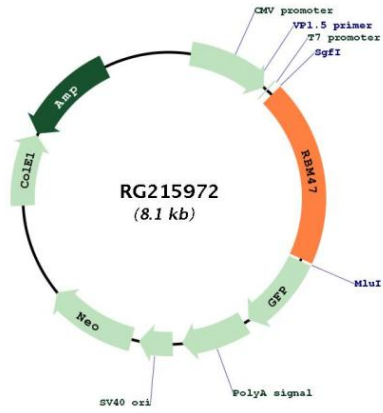
**Locus ID:** 54502

**UniProt ID:** [A0AV96](#)

**Cytogenetics:** 4p14

Domains: RRM

Product images:



Circular map for RG215972