

Product datasheet for **RG202090**

RBBP9 (NM_006606) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RBBP9 (NM_006606) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: RBBP9
Synonyms: BOG; RBBP10
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG202090 representing NM_006606
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTCTCCTAGCAAGGCAGTGATTGTTCCCGGAACGGAGCGGGGATGTGACCACCCACGGCTGGT
 ATGGCTGGGTGAAAAAGGAGCTGGAGAAGATACCTGGTTCCAGTGTGGCTAAAAACATGCCCGACCC
 AATTACAGCACGAGAGAGCATCTGGCTGCCCTTCATGGAGACAGAGCTGCACTGTGATGAGAAGACTATC
 ATCATTGGCCACAGTTCTGGGGCCATCGCGCCATGAGGTATGCAGAAACACATCGAGTATATGCTATTG
 TATTAGTGTCTGCGTACACATCAGACTTGGGGGATGAAAATGAGCGTGCAAGTGGATACTTCACCCGCC
 CTGGCAGTGGGAGAAGATCAAGGCCAACTGCCCTTACATTGTGCAGTTTGGCTCTACTGACGACCCGTTT
 CTTCCCTGGAAGGAACAACAAGAAGTGGCCGATAGGTTGAAAACCAAATTGCACAAATTCAGTACTGTG
 GCCACTTTCAGAACACAGAGTTTCATGAACTGATTACTGTTGTAAGTCTTTGCTGAAAGTACCAGCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG202090 representing NM_006606
 Red=Cloning site Green=Tags(s)

MASPSKAVIVPGNGGGDVTTHGWYGWVKKLEKIPGFQCLAKNMPDPITARESIWLPFMETELHCDEKTI
 IIGHSSGAIAMRYAETHRVYAIIVLVSAYSDLGDENERASGYFTRPWQWEKIKANCPYIVQFGSTDDPF
 LPWKEQQEVADRLETKLHKFTDCGHFQNTFHELITVVKSLKQVPA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_006606

ORF Size: 558 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_006606.3](#)

RefSeq Size: 3871 bp

RefSeq ORF: 561 bp

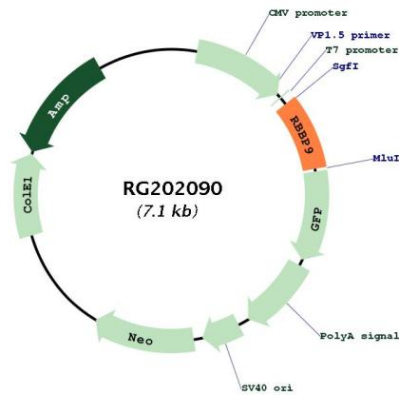
Locus ID: 10741

UniProt ID: [O75884](#)

Cytogenetics: 20p11.23

Gene Summary: The protein encoded by this gene is a retinoblastoma binding protein that may play a role in the regulation of cell proliferation and differentiation. Two alternatively spliced transcript variants of this gene with identical predicted protein products have been reported, one of which is a nonsense-mediated decay candidate. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG202090