OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MR220115

Rbbp9 (NM_015754) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbbp9 (NM_015754) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rbbp9
Synonyms:	Bog
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>MR220115 representing NM_015754
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGTCCCCCAACAAGGCAGTGATTGTTCCCGGGAACGGAGGCGGGGATGTGGCCACCCACGGCTGGT
ACGGCTGGGTGAAAAAGGGGCTGGAGCAGATTCCTGGTTTCCAGTGTTTGGCTAAAAACATGCCTGACCC
AATTACAGCGCGAGAGAGCATCTGGCTGCCCTTCATGGAGACAGAGCTGCACTGTGACGAGAAGACCATC
ATCATAGGCCACAGTTCCGGGGCCATCGCAGCCATGAGGTATGCAGAGACACATCAGGTATATGCTCTCG
TATTGGTGTCTGCATACACATCAGACTTGGGAGATGAAAATGAGCGTGCAAGTGGGTACTTCAGCCGCCC
CTGGCAGTGGGAGAAGATCAAGGCCAACTGCCCTCACATTGTACAGTTTGGCTCTACTGATGACCCCTTC
CTTCCCTGGAAGGAACAACAAGAAGTAGCAGATAGGCTGGACGCCAAATTGTACAAATTCACTGACCGTG
GTCACTTTCAGAACACAGAGTTCCATGAACTGATTAGTGTGGTGAAGTCTATGCTGAAAGGACCAGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220115 representing NM_015754
Red=Cloning site Green=Tags(s)

MASPNKAVIVPGNGGGDVATHGWYGWVKKGLEQIPGFQCLAKNMPDPITARESIWLPFMETELHCDEKTI
IIGHSSGAIAAMRYAETHQVYALVLVSAYTSDLGDENERASGYFSRPWQWEKIKANCPHIVQFGSTDDPF
LPWKEQQEVADRLDAKLYKFTDRGHFQNTEFHELISVVKSMLKGPE

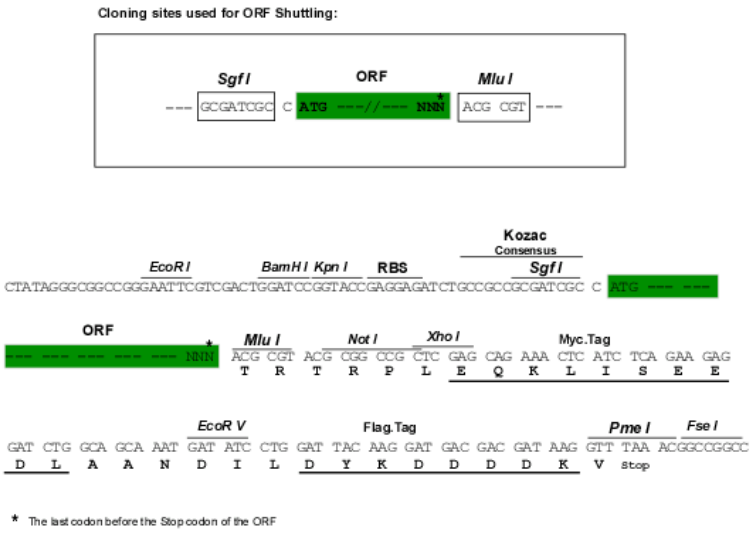
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9058_h03.zip

View online »

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_015754

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_015754.2, NP_056569.2

RefSeq Size: 2183 bp

RefSeq ORF: 561 bp

Locus ID: 26450

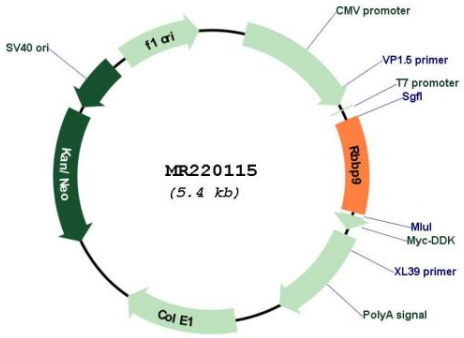
UniProt ID: O88851

Cytogenetics: 2 G1

MW: 20.9 kDa

Gene Summary: May play a role in the transformation process due to its capacity to confer resistance to the growth-inhibitory effects of TGF-beta1 through interaction with retinoblastoma and the subsequent displacement of E2F-1.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR220115