

## Product datasheet for **RR215245**

### Rragc (NM\_001048184) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rragc (NM\_001048184) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Rragc  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR215245 representing NM\_001048184  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCCTGCAATACGGGGCGGAGGAGACGCCCTGGCCGGCAGTTACGGCGCAGCCGACTCATTCCCCA  
AGGACTTCGGCTACGGCGTGGAGGAGGAGGAAGAAGAGGCAGCGCGGGTGGCGCGGAGGCGCGGGGGC  
CGCGCGGCTGCGGCCCGGGAGGCGGTGACAGCTCCAAGCCAAGGATCTTGCTTATGGGACTACGGCGC  
AGCGGCAAGTCTCCATTAGAAGGTGGTGTTCATAAGATGTCACCCAATGAGACTCTCTTTTGGAAA  
GTACCAACAAGATTTATAAAGATGACATTTCCAACAGCTCCTTTGTCAACTTCCAGATTTGGGATTTTCC  
TGGGCAGATGGACTTCTTCGACCCAACCTTTGACTATGAAATGATCTTCAGGGGGACAGGAGCATTGATA  
TATGTCATTGATGCACAGGATGACTACATGGAGGCTTTAACTCGACTTCACATCACTGTATCTAAGGCC  
ACAAAGTGAACCCAGACATGAACCTTTGAGGTTTTTATTCACAAAGTTGATGGTCTGTCTGATGATCACA  
GATAGAAACACAGAGGGACATTCATCAAAGGGCCAATGATGACCTGGCAGATGCTGGGCTGGAAAAGCTC  
CATCTTAGCTTTTATTTGACTAGCATCTATGACCACTCAATATTTGAAGCTTTCAGTAAGGTGGTACAGA  
AACTCATCCCGCAACTGCCCACTTTGGAAAACCTATTAATATCTTTATATCAAATTCAGGTATTGAAA  
AGCTTTTCTCTTTGATGTTGTCAGCAAAATCTACATTGCAACAGACAGCTCCCCTGTGGATATGAGTCT  
TACGAGCTCTGCTGTGACATGATTGATGTTGTAATTGATGTCCTGTATATATGGATTAAGGAAGATG  
GAAGTGGAAAGTGCTTATGACAAAGAATCGATGGCCATTATCAAGCTGAACAATACAACCTGTCTTTATTT  
AAAGGAAGTCACTAAATTTTGGCACTGGTTTGCATTCTTAGGGAAGAGAGCTTTGAACGAAAAGTTTTG  
ATAGACTACAACCTTCACTGTTTCCGAAAAGCTATCCATGAGGTGTTTGGGTGGGTGTGACTTCTCACA  
GAAGCTGTAGTCATCAGACCAGTGTCCAAGCCTGAAAGCCTTGGCACACAATGGCACACCTCGGAATGC  
CATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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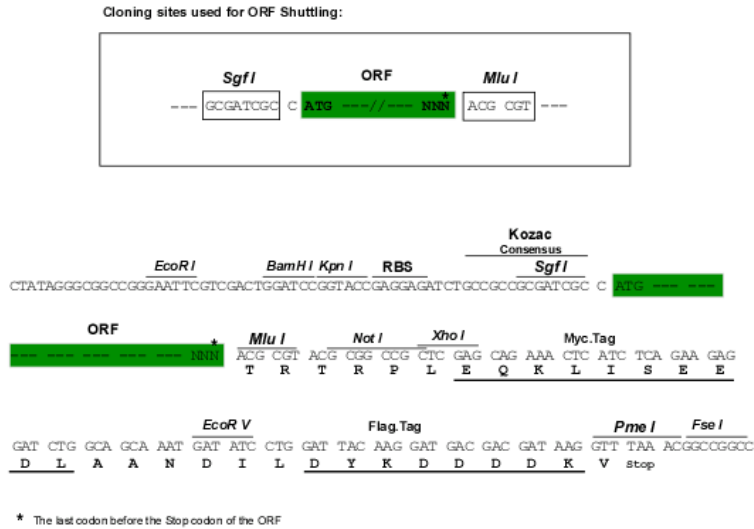
Protein Sequence: >RR215245 representing NM\_001048184  
 Red=Cloning site Green=Tags(s)

MSLQYGAETPLAGSYGAADSPFKDFGYGVVEEEEEAAAGGGGGAGAGGGCGPGGGDSSKPRILLMGLRR  
 SGKSSIQKVVVFKMSPNETLFLESTNKIYKDDISNSSFVNFQIWFPGQMDFFDPTFDYEMIFRGTGALI  
 YVIDAQDDYMEALTRLHITVSKAYKVNPD MNFEVFIHKVDGLSDDHKIETQRDIHQRANDLADAGLEKL  
 HLSFYLT SIYDHSIFEAFSKVVQKLIPQLPTLENLLNIFISNSGIEKAF LFDVVSKIYIATDSSPVDMQS  
 YELCCDMIDVVIVSCIYGLKEDGSGSAYDKESMAI IKLNNTTVLYLKEVTKFLALVCILREESFERKGL  
 IDYNFHCFRKAIHEVFEVGTSHRSCSHQTSAPSLKALAHNGTPRNAI

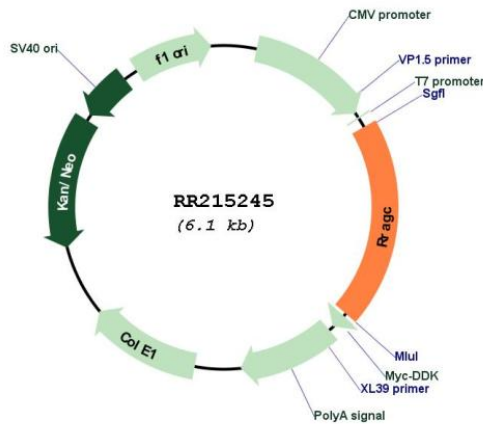
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001048184

<b>ORF Size:</b>	1194 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_001048184.1</a> , <a href="#">NP_001041649.1</a>
<b>RefSeq Size:</b>	2548 bp
<b>RefSeq ORF:</b>	1197 bp
<b>Locus ID:</b>	298514
<b>Cytogenetics:</b>	5q36
<b>MW:</b>	44.1 kDa