

## Product datasheet for MR219666

### Mrgpra9 (NM\_001177566) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mrgpra9 (NM_001177566) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mrgpra9
Synonyms:	EG668725; MrgA9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR219666 representing NM_001177566 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGGAAAGCACCAGTGCAGGGTTTCTGGCCCTAAACATCTCAGCCTCCACAATGGCACTCACAACAA  
CAAATCCAATGGACGAAACCATCCCTGGAAGTACCAGCATCAAGATTCTGATCCCAAACCTGATGATCAT  
CATCTTTGGACTGGTCGGGCTGACAGGAAACGCCATTGTGTTCTGGCTCCTGGGCTTCCACTTGCGCAGG  
AATGCCTTCTCAGTCTACATCCTAAACTTGGCCCTGGCTGACTTCTCTCTCCTCCTGTGCGCATATAG  
CTTCCACGCAGAAACTTCTCACGTTCTCCTCACCAACATTACCTTTCTCATTTGCCTTTACACCTTCAG  
GGTGATTCTCTACATCGCAGGCCTGAGCATGCTCACTGCCATCAGCATTGAGCGCTGCCTGTCTGTCTGT  
TGCCCCATCTGGTATCGCTGCCACCGCCGAGAACACATCAACTGTCATGTGTGCTGCAATCTGGGTCC  
TGTCCCTGTTGATCTGCATTCTGAATAGGTATTTCTGCGGTTTCTTAGATACAAATATGTAATGACTA  
TGGGTGTATGGCATCAAATTTCTTAAATGCTGCATACCTGATGTTTTTGTGTTGAGTCTCTGTGTGTCC  
AGCCTGGCTCTGCTGGCCAGGTTGTTCTGTGGCACTGGCGGATGAAGCTTACCAGATTGTACGTGACCA  
TCATGCTGACCATTTTGGTTTTCTCCTCTGCGGGTGGCCCTGTGGCTTATACTGGTTCCTGTTATTCTG  
GATTAAGAATGGTTTTGCTGTATTTGATTTAACTTTTATCTAGCATCAACTGTCTGAGTGCTATTAAT  
AGCTCTGCAACCCCATCATTTACTTCTTCGTGGGCTCATTGAGGCATCGGTTGAAGCACCAGACCCTCA  
AAATGGTTCTCCAGAGTGCAGTGCAGGATACTCCTGAGACAGCTGAAAACATGGTGGAGATGTCAAGAAG  
CAAAGCAGAGCCG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR219666 representing NM\_001177566  
Red=Cloning site Green=Tags(s)

MGESTSAGFLALNISASTMALTTTNPMDETIPGSTSIKILIPNLMIIIFGLVGLTGNAIVFWLLGFHLRR  
 NAFSVYILNLALADFLFLLCRIIASTQKLLTFSSPNITFLICLYTFRVILYIAGLSMLTAISIERCLSVL  
 CPIWYRCHRPEHTSTMCAAIWVLSLLICILNRYFCGLDTKYVNDYGCMASNFFNAAYLMFLFVLCVS  
 SLALLARLFCGTGRMKLTRLVYTIMLTILVFLLCGLPCGLYWFLFWIKNGFAVDFDNFYLASTVLSAIN  
 SSANPIIYFFVGSFRHLKHKQTLKMLVLSALQDTPETAENMVEMSRKAEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9020\\_e12.zip](https://cdn.origene.com/chromatograms/mm9020_e12.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001177566

**ORF Size:** 993 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\\_001177566.1](#), [NP\\_001171037.1](#)

**RefSeq Size:** 1049 bp

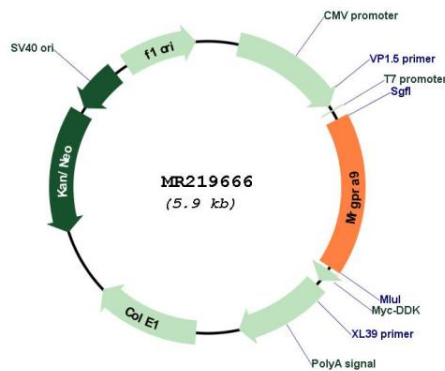
**RefSeq ORF:** 996 bp

**Locus ID:** 668725

**Cytogenetics:** 7 B3

**MW:** 38.4 kDa

**Product images:**



Circular map for MR219666