

Product datasheet for MR229296

Mrgpra9 (NM_001288801) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mrgpra9 (NM_001288801) 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:	>MR229296 representing NM_001288801 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGAAAGCAGCACCAGTGCAGGGTTCTGGCCCTAAACATCTCAGCCTCCACAATGGCACTCACAA
CAACAAATCCAATGGACGAAACCATCCCTGGAAGTACCAGCATCAAGATTCTGATCCAAACTTGATGAT
CATCATCTTTGGACTGGTCGGGCTGACAGGAAACGCCATTGTGTTCTGGCTCCTGGGCTTCCACTTGCGC
AGGAATGCCTTCTCAGTCTACATCCTAACTTGGCCCTGGCTGACTTCTCTTCTCCTCTGTGCGATCA
TAGCTTCCAGCAGAACTTCTCAGTTCCTCACCCAAACATTACCTTTCTCATTGCTTTACACCTT
CAGGGTGATTCTCTACATCGCAGGCCTGAGCATGCTCACTGCCATCAGCATTGAGCGCTGCCTGTCTGTC
CTGTGCCCATCTGGTATCGCTGCCACCGCCAGAACACACATCAACTGTATGTGTGCTGCAATCTGGG
TCTGTCCCTGTTGATCTGCATTCTGAATAGGTATTTCTGCGGTTTCTTAGATACCAATATGTAATGA
CTATGGGTGTATGGCATCAAATTTCTTAAATGCTGCATACCTGATGTTTTGTTGTAGTCTCTGTGTG
TCCAGCTGGCTCTGCTGGCCAGGTTGTTCTGTGGCACTGGGCGGATGAAGCTTACCAGATTGTACGTGA
CCATCATGCTGACCATTTGGTTTTCTCCTCTGCGGGTGCCTGTGGCTTATACTGGTTCTGTATT
CTGGATTAAGAATGGTTTTGCTGTATTTGATTTAACTTTTATCTAGCATCAACTGTCTGAGTGCATT
AATAGCTGCGCAACCCATCATTACTTCTTCGTTGGGCTCATTGAGCATCGGTTGAAGCACCAGACCC
TCAAAATGGTTCTCCAGAGTGCCTGCAGGATACTCCTGAGACAGCTGAAAACATGGTGGAGATGTCAAG
AAGCAAAGCAGAGCCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229296 representing NM_001288801
 Red=Cloning site Green=Tags(s)

MGESSTSAGFLALNISASTMALTTTNPMDETIPGSTSIIKILIPNLMIIIFGLVGLTGNAIVFWLLGFHLR
 RNAFSVYILNLALADFLFLLCRIIASTQKLLTFSSPNITFLICLYTFRVILYIAGLSMLTAISIERCLSV
 LCPWIYRCHRPEHTSTMCAAIWVLSLLICILNRYFCGLFDTKYVNDYGCMA SNFFNAAYLMFLFVVL CV
 SSLALLARLFCGTGRMKLTRLVYTIMLTILVFLLCGLPCGLYWFLFWIKNGFAVDFDNFYLASTVLSAI
 NSSANPIIYFFVGSFRHRLKHQTLKMLVLSALQDTPETAENMVMSRSKAEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001288801

ORF Size: 996 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_001288801.2](#)

RefSeq Size: 1052 bp

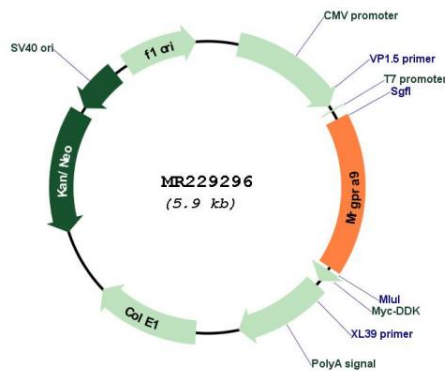
RefSeq ORF: 999 bp

Locus ID: 668725

Cytogenetics: 7 B3

MW: 37.7 kDa

Product images:



Circular map for MR229296