

Product datasheet for **RR200145**

Gpr39 (NM_001114392) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr39 (NM_001114392) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gpr39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR200145 representing NM_001114392
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTTCATCCAGTGGCTCCAGCAACATCTGCTCCCGAGTCATCGATCACAGCCATGTCCCTGAGTTCCG
 AAGTGGCCACTTGGATCAAAATCACCTCACCTTGGTGTACCTGATCGTCTTCGTGGTAGGCATCTTGGG
 CAATAGCGTCACCATCCGGGTTACGCAGGTATTGCAGAAAAAGGGCTATTTGCAGAAAGGAGTGACAGAT
 CACATGATCAGTTTGGCTTGTTGAGATATCTTGGTCTTTTTGATTGGCATGCCCATGGAGTTCTACAGCA
 TCATCTGGAACCCCTGACCACACCCAGCTATGCTCTGCTGCAAGCTCCACACGTTCTCTTTGAGAC
 GTGTAGCTACGCCACATTGCTGCATGTGCTGACCCTCAGCTTTGAGCGCTACATTGCCATTTGTCATCCC
 TTCAGATAAAGACGTGTCTGGACCTTGCCAGGTGAAACTGCTGATCGGCTTTGTATGGGTACCTCCG
 CTCTGGTGGCACTGCCCTTGTCTTTGCCATGGGTATTGAGTACCCTCTGGCGAACGTCCCCTCACAA
 GGGACTCAACTGTAACCTCTCTCGTACCGCCACCACGATCATCTGGAGACTCCAATATGCCATCTGC
 ACGAACCTCTCCAGCCGTTGGGAGGTCTTCCAGTCCAGCATCTTTGGGGCCTTCGCTGTTTACCTGGTGG
 TCCTGGTGTCTGTGGCTTTCATGTGTTGGAACATGATGAAAGTGCTAATGAAGAGCAAGCGGGTACTCT
 GGCAGGGACCGGACCACAGCTGCAGCTGCCGAAGTCAGAGAGTGAGGAGAGCCGGACAGCGAGAAGACAG
 ACCATCATATTCCTGAGACTGATCGTGGTGACTGGCCGTGTGTTGGATGCCAAATCAGATCCGACGGG
 TCATGGCCGACGAAAACCCAAACATGACTGGACCAAGTCGACTTCAAGGCGTACATGATCCTCCTCCC
 CTTCTCCGACACCTTCTTCTACCTCAGCTCCGTGGTCAACCTCTCCTCTACAACGTGCTTCTCAGCAG
 TTCCGGAAGGTTTTCTGGCAGGTTCTCTGCTGCCGGCTGACTCTGCAGCATGCCAACAGGAGAAACAGC
 AGCGTGCTACTTCAGCTCTACAAAAACAGCAGCCGCTCAGCCGAAGCCGCTCATCTTCTAGCCTC
 CCGGCGTAGTAACCTTCTCCTCCCGGAGAACTAACAAAGGTTTTCTTAAGCACTTTTCAGGGCGAGGCTAAG
 CCTCTAGAGGGCGAGCACCGCCCTTGTGCTGAGTACCACAGACCGGCTCAGAGACCAACCTGCTG
 GTTCCGCCACAGAAAATAGTTTACAGGAGCAGGAAGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR200145 representing NM_001114392
 Red=Cloning site Green=Tags(s)

MASSSSGSSNICSRVIDHSHVPEFEVATWIKITLTLVYLIVFVVGILGNSVTIRVTQVLQKKGYLQKEVTD
 HMI SLACSDILVFLIGMPMEFYIIWNPLTTPSYALSCKLHTFLFETCSYATLLHVLTL SFERYIAI
 CHPFRYKDVSGPCQVKLLIGFVWVTSALVALPLL FAMGIEYPLANVPTHKGLNCNLSRTRHHDHPGDSNMSIC
 TNLSSRWEVFQSSIFGAFVYLVVLSVAFMCWNMMKVLMSKRGTLAGTGPQLQLRKSESEESRTARRQ
 TIIIFLRLIVVTLAVCWMPNQIRIRIMAAAKPKHDWTKSYFKAYMILLPFSDTFFYLVSSVNP
 LLYNVSSQQFRKVFVQLCCRLTLQHANQEQRAYFSSTKNSRSARSPLIFLASRRSNSSSRRTNKVFLSTFQAEAK
 PLEGEHQPLSPESPQTGSETKPAGSATENSLQEQEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001114392

ORF Size: 1368 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_001114392.1](#), [NP_001107864.1](#)

RefSeq Size: 1575 bp

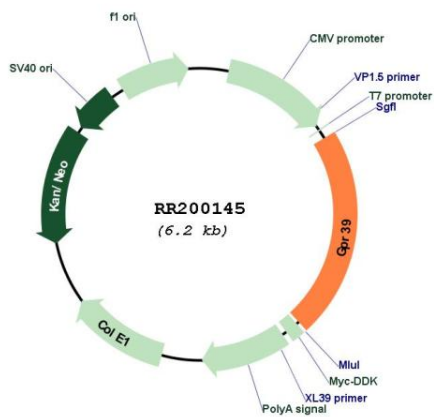
RefSeq ORF: 1371 bp

Locus ID: 288995

Cytogenetics: 13q12

MW: 51.5 kDa

Product images:



Circular map for RR200145