

Product datasheet for RC216530

GPR89C (NM_001097616) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR89C (NM_001097616) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GPR89C
Synonyms:	GPHR; GPR89; GPR89C; SH120; UNQ192
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC216530 representing NM_001097616 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTTTAGGGATCTTATCCATAGAACAGCTCATCAGCCGGTTGGTGTGATTGGAGTGACTCTCATGG
 CTCTTCTTTCTGGATTTGGTGTGTCAACTGCCATACACTTACATGTCTTACTTCCTCAGGAATGTGAC
 TGACACGGATATTCTAGCCCTGGAACGGCGACTGCTGCAAACCATGGATATGATCATAAGCAAAAAGAAA
 AGGATGGCAATGGCACGGAGAACAATGTTCCAGAAGGGGGAAGTGCATAACAAACCATCAGGTTTCTGGG
 GAATGATAAAAAGTGTTACCACTTCAGCATCAGGAAGTAAAATCTTACTCTTATTCAACAGGAAGTGGA
 TGCTTTGGAAGAATTAAGCAGGCAGCTTTTCTGGAAACAGCTGATCTATATGCTACCAAGGAGAGAATA
 GAATACTCCAAAACCTTCAAGGGGAAATATTTTAAATTTCTTGTTACTTTTTCTCTATTTACTGTGTTT
 GGAAAATTTTCATGGCTACCATCAATATTGTTTTGATCGAGTTGGGAAAACGGATCCTGTCAAGAGG
 CATTGAGATCACTGTGAATTATCTGGGAATCCAATTTGATGTGAAGTTTGGTCCCAACACATTTCTTC
 ATTCTTGTTGGAATAATCATCGTCACATCCATCAGAGGATTGCTGATCACTCTTACCAAGTTCTTTATG
 CCATCTCTAGCAGTAAGTCCTCCAATGTCATTGTCCTGCTATTAGCACAGATAATGGGCATGTACTTTGT
 CTCCTCTGTGCTGCTGATCCGAATGAGTATGCCTTTAGAATACCGCACCATAATCACTGAAGTCCTTGA
 GAACTGCAGTTCAACTTCTATCACCGTTGGTTTGATGTGATCTTCTGGTCAGCGCTCTCTAGCATAC
 TCTTCTCTATTTGGCTCACAAACAGGCACCAGAGAAGCAAATGGCACCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RC216530 representing NM_001097616
 Red=Cloning site Green=Tags(s)

MFLGILSIEQLISRVGVIGVTLMALLSGFGAVNCPYTYMSYFLRNVTDDILALERRLLQTMDMIISKKK
 RMAMARRTMFQKGEVHNKPSGFWGMIKSVTTSASGSENLTLIQEVDAAEELSRQLFLETADLYATKERI
 EYSKTFKGKYFNFLGYFFSIYCVWKIFMATINIVFDRVGKTDVPTRGIEITVNYLGIQFDVKFWSQHISF
 ILVGIIIVTSIRGLLITLTKFFYAISSSKSSNVIVLLLAQIMGYFVSSVLLIRMSMPLEYRTIITEVLG
 ELQFNFYHRWFDVIFLVLSALSSILFLYLAHKQAPEKQMAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8005_g02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001097616

ORF Size: 960 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001097616.1](#), [NP_001091085.1](#)

RefSeq Size: 1569 bp

RefSeq ORF: 962 bp

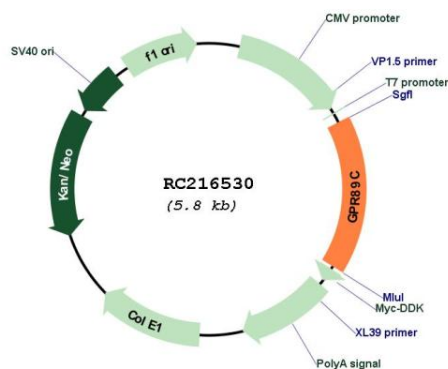
Locus ID: 728932

Cytogenetics: 1q21.1

Protein Families: Transmembrane

MW: 36.5 kDa

Product images:



Circular map for RC216530