

Product datasheet for SC316184

GPR89A (NM_001097613) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR89A (NM_001097613) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR89A
Synonyms:	GPHR; GPR89; GPR89B; SH120; UNQ192
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001097613 edited

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CACTTCGCCATGAGTTTCTGACTCCAGCATCATGATTACCTCCCAGATACTATTT
TTTGGATTTGGGTGGCTTTTCTTCATGCGCCAATTGTTTAAAGACTATGAGATACGTCAG
TATGTTGTACAGGTGATCTTCTCCGTGACGTTTGCAATTTCTTGACCATGTTTGAGCTC
ATCATCTTTGAAATCTTAGGAGTATTGAATAGCAGCTCCCGTTATTTTCACTGGAATG
AACCTGTGTGAATTCTGCTGATCCTGGTTTTCATGGTGCCTTTTACATTGGCTATTTT
ATTGTGAGCAATATCCGACTACTTTTGTCTCCTCTGTCTCAGTGCATAAACAACGACTGC
TTTTTCTGTCTCTTATGGCTGACCTTTATGTATTTCTTCTGGAAGTAGGAGATCCCT
TTCCCATCTCAGCCCAAAACATGGGATCTTATCCATAGAACAGCTCATCAGCCGGGTTG
GTGTGATTGGAGTGACTCTCATGGCTCTTCTTTCTGGATTGGTGTGCTCAACTGCCCAT
ACACTTACATGTCTTACTTCCTCAGGAATGTGACTGACACGGATATTCTAGCCCTGGAAC
GGCGACTGCTGCAAACCATGGATATGATCATAAGCAAAAAGAAAAGGATGGCAATGGCAC
GGAGAACAATGTTCCAGAAGGGGAAGTGCATAACAAACCATCAGGTTTCTGGGGAATGA
TAAAAAGTGTTACCACTTCAGCATCAGGAAGTAAAAATCTTACTCTTATTCAACAGGAAG
TGGATGCTTTGGAAGAAATTAAGCAGGCAGCTTTTTCTGGAACAGCTGATCTATATGCTA
CCAAGGAGAGAATAGAATACTCCAAACCTTCAAGGGGAATATTTAATTTTCTTGGTT
ACTTTTCTCTATTTACTGTGTTTGGAAAATTTTCATGGCTACCATCAATATTGTTTTG
ATCGAGTTGGGAAAACGGATCCTGTGACAAAGAGGCATTGAGATCACTGTGAATTATCTGG
GAATCCAATTTGATGTGAAGTTTGGTCCCAACACATTTCTTCTTCTGTTGGAATAA
TCATCGTCACATCCATCAGAGGATTGCTGATCACTCTTACCAAGTTCTTTTATGCCATCT
CTAGCAGTAAGTCTCAATGTGCTGCTATTAGCACAGATAATGGGCATGTACT
TTGTCTCCTCTGTGCTGCTGATCCGAATGAGTATGCCTTTAGAATACCGCACCATAATCA
CTGAAGTCCTTGGAGAACTGCAGTTCAACTTCTATCACCGTTGGTTTGATGTGATCTTCC
TGGTCAGCGCTCTCTAGCATACTCTTCTCTATTTGGCTCACAAACAGGCACCAGAGA
AGCAAATGGCACCTTGAA

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Restriction Sites: Please inquire


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ACCN:	NM_001097613
Insert Size:	1400 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001097613.1.
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:	<u>NM_001097613.1, NP_001091082.1</u>
RefSeq Size:	2004 bp
RefSeq ORF:	1008 bp
Locus ID:	653519
UniProt ID:	<u>B7ZQA6</u>
Cytogenetics:	1q21.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	GPR89A is a nearly identical copy of the GPR89B gene (MIM 612806).[supplied by OMIM, Jun 2009] Transcript Variant: This variant (2) differs in the 5' UTR and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.