

Product datasheet for SC316223

GPR89A (NM_001097612) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR89A (NM_001097612) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR89A
Synonyms:	GPHR; GPR89; GPR89B; SH120; UNQ192
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001097612, the custom clone sequence may differ by one or more nucleotides <pre> ATGAGTTTCCTCATCGACTCCAGCATCATGATTACCTCCCAGATACTATTTTTTGGATT GGGTGGCTTTTCTTCATGCGCAATTGTTTAAAGACTATGAGATACGTCAGTATGTTGTA CAGGTGATCTTCTCCGTGACGTTTGCATTTTCTGCACCATGTTTGAGCTCATCATCTTT GAAATCTTAGGAGTATTGAATAGCAGCTCCCGTTATTTTCACTGGAAAATGAACCTGTGT GTAATTCTGCTGATCCTGGTTTTCATGGTGCTTTTTACATTGGCTATTTTATTGTGAGC AATATCCGACTACTGCATAAACAACGACTGCTTTTTTCTGTCTCTTATGGCTGACCTTT ATGTATTTCTTCTGGAACTAGGAGATCCCTTTCCCATTTCTAGCCCAAAACATGGGATC TTATCCATAGAACAGCTCATCAGCCGGGTGGTGTGATTGGAGTGACTCTCATGGCTCTT CTTTCTGGATTTGGTGCTGTCAACTGCCATACACTTACATGTCTTACTTCCTCAGGAAT GTGACTGACACGGATATTCTAGCCCTGGAACGGCGACTGCTGCAAACCATGGATATGATC ATAAGCAAAAAGAAAAGGATGGCAATGGCACGGAGAACAATGTTCCAGAAGGGGGAAGTG CATAACAAACCATCAGGTTTCTGGGGAATGATAAAAAGTGTTACCACTTCAGCATCAGGA AGTGAAAATCTTACTCTTATTCAACAGGAAGTGGATGCTTTGGAAGAATTAAGCAGGCAG CTTTTTCTGGAAACAGCTGATCTATATGCTACCAAGGAGAGAATAGAATACTCCAAAACC TTCAAGGGGAAATATTTTAATTTTCTTGTTACTTTTTCTCTATTTACTGTGTTTGAAA ATTTTCATGGCTACCATCAATATTGTTTTTGATCGAGTTGGGAAAACGGATCCTGTGACA AGAGGCATTGAGTCACTGTGAATTATCTGGAATCCAATTTGATGTGAAGTTTTGGTCC CAACACATTTCTTCTTCTTGTGGAATAATCATCGTCACATCCATCAGAGGATTGCTG ATCACTCTTACCAAGTTCTTTATGCCATCTCTAGCAGTAAGTCTCCAATGTCATTGTC CTGCTATTAGCACAGATAATGGGCATGTACTTTGTCTCCTCTGTGCTGCTGATCCGAATG AGTATGCCTTTAGAATACCGCACCATAATCACTGAAGTCTTGGAGAACTGCAGTTCAAC TTCTATACCGTTGGTTTGATGTGATCTTCTGGTCAGCGCTCTCTCTAGCATACTCTTC CTCTATTTGGCTCACAACAGGCACCAGAGAAGCAAAATGGCACCT </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001097612


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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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001097612.1, NP_001091081.1</u>
RefSeq Size:	1984 bp
RefSeq ORF:	1368 bp
Locus ID:	653519
UniProt ID:	<u>B7ZAQ6</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 (1) represents the shortest transcript and encodes the longer isoform (1).