

Product datasheet for **SC321719**

CGRP (CALCB) (NM_000728) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CGRP (CALCB) (NM_000728) Human Untagged Clone
Tag:	Tag Free
Symbol:	CGRP
Synonyms:	CALC2; CGRP-II; CGRP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_000728.3 GACTGCAGGTGTGGTGTTCATCCCAGGTCGACCGCCGCTCGCGCTGCCCTGAAACTCTA GTCGCCAGAGAGCGGCATGGGTTCCGGAAGTTCTCCCCTTCTGGCTCTCAGTATCT TGGTCCTGTACCAGGCGGCAGCCTCCAGGCGGCCATTTCAGGTCTGCCCTGGAGAGCA GCCAGACCCGGCCACACTCAGTAAAGAGGACGCGCGCCTCCTGTGGCTGCACTGGTGC AGGACTATGTGCAGATGAAGCCAGTGAGCTGAAGCAGGAGCAGGAGACAGGGCTCCA GCTCCGCTGCCAGAAGAGAGCCTGCAACACTGCCACCTGTGTGACTCATCGGCTGGCAG GCTTGCTGAGCAGATCAGGGGGCATGGTGAAGAGCAACTTCGTGCCACCAATGTGGTT CCAAAGCCTTTGGCAGGCGCCGAGGGACCTTCAAGCCTGAGCAGATGAATGACTCCAGG AAGAAGGTTATCATGAACTGAACTCACCATTTCTATTAATTTCTGTTGGTAAGAATTG GTGAGAATGCCCGTGAAGATACACATGTTTGCATCCTAAGATACTGAAAAAGGGCAC CTTTGTCACCTTGAAGGAATGAACTGAATGCAAATAAGCTAATTCATATTTGCTGTG CATCATTTTTATTTAATTCTATGTCCAGTAAAAGTGATGGCATCTCTCATTGACTTAT CTGGTAGCAAACCTGGTCTTTCCGAGCCATCCTGTTGATCATGCAGCTCCACCAAACCTT AGGGGGACGTGAAATCACTGCCTGTTGTGGTCTCCGAGGACACATGGTAATGGTGTGCT GTGCCTTGTTATCTAAGAACATGATTGTATAATTTGTTTAAAGAAAATGTCAATATTGTC CATTTGTGAACCTCATCAAGATTAAGCATATTTGGGTACATTTGTTTCAAACCTTG GTGATGCATTACAACCTGTTTTCTTATGTAATAATAATGATGATGATGATAATAATA AATATTTTTGAGTGCTAAAAAAAAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_000728



[View online »](#)

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:	<ol style="list-style-type: none">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_000728.3</u> , <u>NP_000719.1</u>
RefSeq Size:	1031 bp
RefSeq ORF:	384 bp
Locus ID:	797
UniProt ID:	<u>P10092</u>
Cytogenetics:	11p15.2
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	CGRP induces vasodilation. It dilates a variety of vessels including the coronary, cerebral and systemic vasculature. Its abundance in the CNS also points toward a neurotransmitter or neuromodulator role.[UniProtKB/Swiss-Prot Function]