

Product datasheet for **MG203802**

Cgref1 (BC023116) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cgref1 (BC023116) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cgref1
Synonyms:	CGR11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203802 representing BC023116 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCCAGTGGCTGATGCAAGCGTTGATGCTGCCACTATTGCTGCTCCCTTTAGGTCGAGCTGCTCCCA
AGGATGGAGTTGCAAGGTTGGACCCTGAGGTACAACAGCAGCTCACACCCAACCTTTCCAGCCAGGCC
TGAGCAGCTCCGACATCTGCAGAATTATCTCAAGGACTAGAGAAGATGGAAGAGGATCCTGAGCACATG
GACCGGGAGCAAGTCTGCTTTTCGCTCTTTGCTCTTCATGACTATGACCAGAATGGACAGCTGGACGGCC
TGGAGCTACTGTCCATGTGACAGCAGCTCTGGCCCTGGAGCTGCACACTTTCCATCAACCCGGTGAT
CCTAGTAGTAGACTCGGTGCTTGAGACTCAGGACCTGGATGGAGACGGGCTCATGACTCCTGCAGAGCTC
ATCAACTCCCAGAAGTCCCAACACACAGAGTCCCTTCCCCAGCTCTCCAGGAGCCACAACCTGCTG
GAAGTCAGCCACTTTTAGCCAACAGTCCACTGCAGTCAGAACTCAGCAGTCTCTGGGGACTAAAGAAGA
AATTAGGGGCCAGGTAGAGGCCAAGAGGGCGTCTTGGAGCCTGAACAGGAGGCTGGACATCAGACAGAG
GGAAAAGTAGATACCCTAAGCCCTGAAGAGGAGGCTAGGGGACAGGCAGAGTCTGAAGGAGATGTCCAG
GTCCCAGAGAAGGTGCTGAGGAACAGGTGGAGATCAAGGACAATGAAGGAGAAGCCAAAGAACTGCTGGT
GGAAACACTGGAGAGCCTAAACTCCTCAATGAGGCTGAGGCTCATAGCATCAATTGGAGAACGATGAG
ATA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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:	<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:	BC023116 , AAH23116
RefSeq Size:	1365 bp
RefSeq ORF:	845 bp
Locus ID:	68567
Cytogenetics:	5 B1
Gene Summary:	Mediates cell-cell adhesion in a calcium-dependent manner. Able to inhibit growth in several cell lines (By similarity).[UniProtKB/Swiss-Prot Function]