

Product datasheet for **MC217855**

Cgref1 (NM_001160149) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cgref1 (NM_001160149) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cgref1
Synonyms:	1110004G24Rik; AW045201; Cgr11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC217855 representing NM_001160149 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTCCAGTGGCTGATGCAAGCGTTGATGCTGCCACTATTGCTGCTCCCTTTAGGTCGAGCTGCTCCCA
AGGATGGAGTTGCAAGGTTGGACCTGAGGTACAACAGCAGCTCACACCAACCCCTTCCAGCCAGGCC
TGAGCAGCTCCGACATCTGCAGAATTATCTCAAGGGACTAGAGAAGATGGAAGAGGATCCTGAGCACATG
GACCGGGAGCAAGTCTGCTTTTCGCTCTTTGCTCTTCATGACTATGACCAGAATGGACAGCTGGACGGCC
TGGAGCTACTGTCCATGCTGACAGCAGCTCTGGCCCCCTGGAGCTGCACACTTTCCCATCAACCCGGTGAT
CCTAGTAGTAGACTCGGTGCTCGAGACTCAGGACCTGGATGGAGACGGGCTCATGACTCCTGCAGAGCTC
ATCAACTTCCCAGAAGTCCCCAACACACAGAGTCCCTTCCCCCAGCTCTCCAGGAGCCACAACCTGCTG
GAAGTCAGCCACTTTTAGCCAACAGTCCACTGCAGTCAGAAACCCAGCAGTCCCTGGGGACTAAAGAAAT
TAGGAGCCAGGTAGAGGCCAAGAGGGCGTCTTGGAGCCTGAACAGGAGGCTGGACATCAGACAGAGGGA
AAAGTAGATACCCTAAGCCCTGAAGAGGAGGCTAGGGGACAGGCAGAGTCTGAAGGAGATGTTCCAGGTC
CCAGAGAAGGTGCTGAGGAACAGGTGGAGATCAAGGACAATGAAGGAGAAGCCAAAGAAGTCTGGTGGA
AACACTGGAGAGCCTAAACACTCCAATGAGGCTGAGGCTCATAGCATCCAATTGGAGAACGATGAGATA
TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001160149
Insert Size:	843 bp



[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).
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_001160149.1</u> , <u>NP_001153621.1</u>
RefSeq Size:	1266 bp
RefSeq ORF:	843 bp
Locus ID:	68567
UniProt ID:	<u>Q8R1U2</u>
Cytogenetics:	5 B1
Gene Summary:	<p>Mediates cell-cell adhesion in a calcium-dependent manner. Able to inhibit growth in several cell lines (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and uses a downstream translational start codon, compared to variant 1. The resulting isoform (2) is shorter at the N-terminus, compared to isoform 1.</p>