

Product datasheet for **SC115999**

CGREF1 (NM_006569) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CGREF1 (NM_006569) Human Untagged Clone
Tag:	Tag Free
Symbol:	CGREF1
Synonyms:	CGR11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006569, the custom clone sequence may differ by one or more nucleotides

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ATGTTACCTTTGACGATGACAGTGTTAATCCTGCTGCTGCTCCCCACGGGTCAGGCTGCCCCAAAGGATG
GAGTCACAAGGCCAGACTCTGAAGTGCAGCATCAGCTCCTGCCAACCCCTTCCAGCCAGGCCAGGAGCA
GCTCGGACTTCTGCAGAGCTACCTAAAGGGACTAGGAAGGACAGAAGTGCAACTGGAGCATCTGAGCCGG
GAGCAGGTTCTCCTCTACCTCTTTGCCCTCCATGACTATGACCAGAGTGGACAGCTGGATGGCCTGGAGC
TGCTGTCCATGTTGACAGCTGCTCTGGCCCTGGAGCTGCCAACTCTCTACCACCAACCCGGTGATCTT
GATAGTGGACAAAGTGTCTGAGACCCAGGACCTGAATGGGGATGGGCTCATGACCCCTGCTGAGCTCATC
AACTTCCCGGGAGTAGCCCTCAGGCACGTGGAGCCGGAGAGCCCTTGCTCCATCTCTCAGGAGCCAC
AAGCTGTTGGAAGGCAGTCCCTATTAGCTAAAAGCCATTAAGACAAGAAACACAGGAAGCCCTGGTCC
CAGAGAAGAAGCAAAGGGCCAGGTAGAGGCCAGAAGGGAGTCTTTGGATCCTGTCCAGGAGCCTGGGGC
CAGGCAGAGGCTGATGGAGATGTTCCAGGGCCAGAGGGGAAGCTGAGGGCCAGGCAGAGGCTAAAGGAG
ATGCCCTGGGGCCAGAGGGGAAGCTGGGGCCAGGCAGAGGCTGAAGGAGATGCCCCGGGGCCAGAGG
GGAAGCTGGGGCCAGGCAGAGGCTGAAGGAGATGCCCCGGGGCCAGAGGGGAAGCTGGGGCCAGGCA
GAGGCCAGGGAGAATGGAGAGGAGGCCAAGGAACTCCAGGGGAAACACTGGAGTCTAAGAACACCCAAA
ATGACTTTGAGGTGCACATTGTTCAAGTGGAGAATGATGAGATCTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006569 unedited CAGAATTTTGTAAATACGAACTCACTATAGGGCGGCCGCGAATCGGCACCAGCCGGACTCT GCCCGGCCAGGGCGGGCTCCAGCCGGGAGGGCGACGTGGAGCGGCCACGTGGAGCGGC CCGGGGGAGGCTGGCGGGGAGGCGAGGCGGGCGGCCAGCAGCCAGGAGCGCCAC GGAGCTGGACCCCAAGAGCCGCGGGCGCCGAGCAGTTCAGGAAGGATGTTACCTTTG ACGATGACAGTGTAACTCTGCTGCTCCCCACGGGTGAGGCTGCCCCAAAGGATGGA GTCACAAGGCCAGACTCTGAAGTGCAGCATCAGCTCCTGCCAACCCCTCCAGCCAGGC CAGGAGCAGCTCGGACTTCTGCAGAGCTACCTAAAGGGACTAGGAAGGACAGAAGTGCAA CTGGAGCATCTGAGCCGGGAGCAGGTTCTCTCTACCTCTTGCCTCCATGACTATGAC CAGAGTGGACAGCTGGATGGCCTGGAGCTGCTGTCCATGTTGACAGCTGCTTGCCCT GGAGCTGCCAACTCTCTACCACCAACCCGGGCAACCTGGACGCCAGCTGGGATGGAGGG GAGAAGGCGATGCAGCCCAATGGTAGTCTCCATGGTGTGTGAGGAGCCGGCACCTGCTC TCACACGATGCCATCAAAGCCCTGCAGGCCACTTCTTGCCGGCCACCTGGCACCCGAAT CTCAGTGTCTCTGCACGCTCCTCCCTGGCAGGAGGGCCACGTAGCTAGGTCAGCCAGGT GTTTGGGGCAGGGACAGGGCCCAGTCTTTCCCTCCTGCTGCTACTCACCTGGAAGA GGCTGAAAAGACCGNAGCATTGAAGGCGTCTCCAGCTCCAGTGTATCACCAGCCGGTGG GCGGGAACATCCGACGGAGCAATTGTCCTAGGGGCCAGGGGTGGGGCCTTCCAAGCCA GGCAGGAAACCCAGCTTGCAGACGTTCTN
Restriction Sites:	NotI-NotI
ACCN:	NM_006569
Insert Size:	1600 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).
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:	NM_006569.2 , NP_006560.2
RefSeq Size:	1934 bp
RefSeq ORF:	906 bp
Locus ID:	10669
UniProt ID:	Q99674
Cytogenetics:	2p23.3
Domains:	EFh

Gene Summary:

Mediates cell-cell adhesion in a calcium-dependent manner (By similarity). Able to inhibit growth in several cell lines.[UniProtKB/Swiss-Prot Function]