

Product datasheet for **SC327791**

CGREF1 (NM_006569) Human Untagged Clone

Product data:

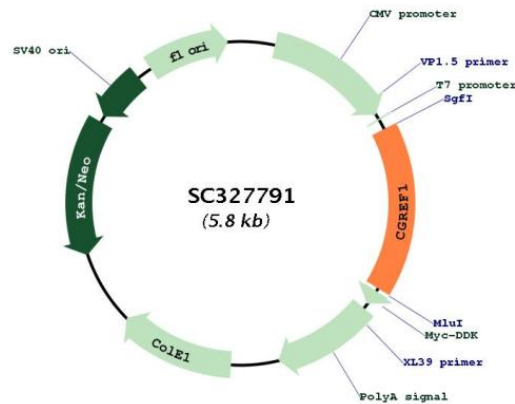
Product Type:	Expression Plasmids
Product Name:	CGREF1 (NM_006569) Human Untagged Clone
Tag:	Tag Free
Symbol:	CGREF1
Synonyms:	CGR11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC327791 representing NM_006569. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGTTACTTTGACGATGACAGTGTTAATCCTGCTGCTGCTCCCCACGGGT CAGGCTGCCCAAAGGAT
GGAGTCACAAGGCCAGACTCTGAAGTGCAGCATCAGCTCTGCCAACCCCTTCCAGCCAGGCCAGGAG
CAGCTCGGACTTCTGCAGAGCTACCTAAAGGGACTAGGAAGGACAGAAGTGAAC TGGAGCATCTGAGC
CGGGAGCAGGTTCTCCTCTACCTCTTTGCCCTCCATGACTATGACCAGAGTGGACAGCTGGATGGCCTG
GAGCTGCTGTCCATGTTGACAGCTGCTCTGGCCCTGGAGCTGCCAACTCTCTACCACCAACCCGGTG
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CTCATCAACTTCCCGGGAGTAGCCCTCAGGCACGTGGAGCCCGGAGAGCCCTTGCTCCATCTCCTCAG
GAGCCACAAGCTGTTGGAAGGCAGTCCCTATTAGCTAAAAGCCATTAAGACAAGAAACACAGGAAGCC
CCTGGTCCCAGAGAAGAAGCAAAGGGCCAGGTAGAGGCCAGAAGGGAGTCTTTGGATCCTGTCCAGGAG
CCTGGGGCCAGGCAGAGGCTGATGGAGATGTTCCAGGGCCAGAGGGGAAGCTGAGGGCCAGGCAGAG
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GGGCCAGAGGGGAAGCTGGGGCCAGGCAGAGGCTGAAGGAGATGCCCCGGGCCAGAGGGGAAGCT
GGGGCCAGGCAGAGGCCAGGGAGAATGGAGAGGAGCCAAAGGAATTCAGGGGAAACACTGGAGTCT
AAGAACACCCAAAATGACTTTGAGGTGCACATTGTTCAAGTGGAGAATGATGAGATCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN:	NM_006569
Insert Size:	957 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).
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_006569.5</u>
RefSeq Size:	1934 bp
RefSeq ORF:	957 bp

Locus ID:	10669
UniProt ID:	Q99674
Cytogenetics:	2p23.3
Domains:	EFh
MW:	33.5 kDa
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]