

Product datasheet for **SC333782**

CGREF1 (NM_001301324) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CGREF1 (NM_001301324) 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:	>SC333782 representing NM_001301324. Blue=Insert sequence Red=Cloning site Green=Tag(s)

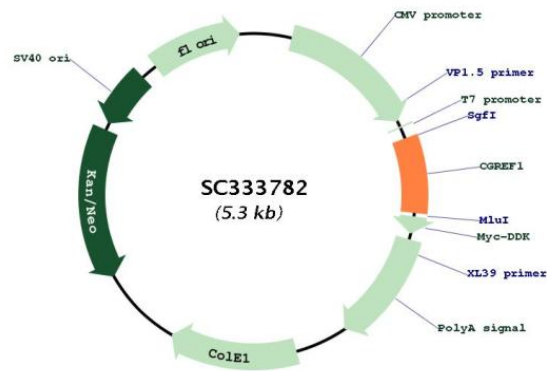
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GTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGTCACAAGGCCAGACTCTGAAGTGCAGCATCAGCTCCTGCCAACCCCTCCAGCCAGGCCAGG
AGCAGCTCGGTTCTCCTCTACCTCTTTGCCCTCCATGACTATGACCAGAGTGGACAGCTGGATGGCCTG
GAGCTGCTGTCCATGTTGACAGCTGCTTGCCCTGGAGCTGCCAACTCTCTACCACCAACCCGGTA
AGCTCTGCTGGATGGAGATCCCCGCATAAAGGAGACCCAGCACTTTGGGGCTTTGGTCTTTCTCATCAT
AACTCTTTGGCCTTACCACCCTATATTGGAGTTGGCCCAATTCCAATATGTGTCCAGATCGGACC
TCCCTGAGGACAGCAACTCTGTATCCTGGGTACATTTGTGGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



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Plasmid Map:



ACCN: NM_001301324

Insert Size: 393 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:

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_001301324.1](#)

RefSeq Size: 1261 bp

RefSeq ORF: 393 bp

Locus ID: 10669

UniProt ID: [Q99674](#)

Cytogenetics: 2p23.3

MW: 13.7 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]
Transcript Variant: This variant (5) contains alternate 3' exon structure, and it thus differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (d) has a distinct C-terminus and is shorter than isoform 1.