

Product datasheet for **SC220786**

GREM2 (NM_022469) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GREM2 (NM_022469) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GREM2
Synonyms:	CKTSF1B2; DAND3; PRDC; STHAG9
ACCN:	NM_022469
Insert Size:	2000 bp



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Insert Sequence:

>SC220786 3'UTR clone of NM_022469

The sequence shown below is from the reference sequence of NM_022469. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGAACCTGAGCGACTCGGACAAGCAGTAGCGCCGGGCCGACGAGCTCAGCCCCGCGCGCCCGG
CCGCTGGGTGGCCGCCGCCGCTCTGTCCCTGCCCTCCGAGCCACTGTCACGCTGCCTGGTGTTC
CCCTCAGCAGCAAGCACTTCTCTTAGGGCTGACGGTGTCTTGTACAGACGTGGATCGCAAGTGGAGC
TTTTGCTGATGTTCCTGACCGACCCCGGTCCACCTGTGCCCTAAACCAGCGGTGGATCAGGC
CCGAAGGAAAATGCTGAAAACCACCACCACCAGCAGTCAAGAGGACCTTTCGAGGTGATGCAC
TGTAATCCGGCATTGATGTTCCACCATGTGAAAAGCAAGGATTTCCCTGGCCCCGCCCTGACTCC
AGCTCGCCCTTTCCCGCGCAAGTGAAGGATGCGTCACTTTTCTGAGCGCCCCCTCAGACCTCTCTG
CTGGTCCCTGGACCTCTGGCTGGGAGCGCTCATTCTTGACTGGCAGGCTGCCCTCGGTGCTGCTGT
GATGAGGATATGTCAACCTCCATAAATATGTCGGTGGACGGGGCTCTCCTAATAAACCTGATACCAA
GAAGACAACCTTGAGCCACTTGGATCCCGAAGTGGGCTTCCCGGAAACCTCGAGCAGAGCAGGCTACAC
AATCCCCATCCTCAAGTCCCACCGCCTCTTCTTCTCACTGTCCCCGCCCTATTTGTGGACTAAA
GATGAACCTCTGGTGTGCATGCTATTATTGCTGCAATTAGAATATTATCACACAAAAGGTCTCTATATT
AACGCTGGTTTTATAAGTGACCGTATATTGTAAGAGCTGTTAAAAAGTATTATAGACCTATTCATGTA
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TGTAGAAATTGGCTTGGATGGATAGGTATAGGGAAGGGCATTTCGTTGGGAAATTGATGACCGAAACT
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TGTTTATAATGAATTGTTGACGTTTCCATGCTGTGGTCTCTTGATATACGGAAGTAGACGTAACCTATT
TTCCAGCGAAATTATATACTTCTTCTGGGCTCCTTTGCTCAGTTGCCCGAGGAAGCTTCCCTGTGAGT
AATGCTTATGGAATCTGACAAATGTGAATGAGCTGCCATTGGTGGGAATCAGTAACTTTGAAAACCTT
TCACTGATGATTCCCTGGTAAGTCTCCTGTGAGGGGCCACTTCCCTAGTATGTGAGAGAGACCCTCTG
CAAGCCGCTGTGGGGACTTAGCTTCTGATACTAGGTAGTGATGGTGGATCTAGAGACATTCAGTTGAA
GAGCAAGGATTGGGGTGGGGTGGGTGAACTATCTCAGGCCACTGCACTGCAAGGTGCATTCTG
TCATTTCTGCAACACCATGAGACCTGAGCAAGAATGTGCTGTGGCAGAGGGGGTCTTGGTTTCATAAAT
GGGTATATACAGCCTGAACCTCAGGAGGCAGAAATCAAAGAAATCCTTGGGGCTGGAACCTGAGGAT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

Sgfl-Mlul

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_022469.4](#)

Summary: This gene encodes a member of the BMP (bone morphogenic protein) antagonist family. Like BMPs, BMP antagonists contain cystine knots and typically form homo- and heterodimers. The CAN (cerberus and dan) subfamily of BMP antagonists, to which this gene belongs, is characterized by a C-terminal cystine knot with an eight-membered ring. The antagonistic effect of the secreted glycosylated protein encoded by this gene is likely due to its direct binding to BMP proteins. As an antagonist of BMP, this gene may play a role in regulating organogenesis, body patterning, and tissue differentiation. [provided by RefSeq, Jul 2008]

Locus ID: 64388

MW: 74.7