

Product datasheet for **RN203320**

Grem1 (NM_019282) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Grem1 (NM_019282) Rat Untagged Clone
Tag: Tag Free
Symbol: Grem1
Synonyms: Cktsf1b1; drm
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203320 representing NM_019282
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGAATCGCACGGCATAACCGTAGGAGCTTTGCTTCTCCTCCTGGGAACCCTACTGCCAGCAGCTGAAG
GGAAAAAGAAAGGGTCCCAAGGAGCCATCCCACCTCCTGACAAGGCTCAGCACAATGACTCCGAGCAGAC
CCAGTCCCACCACAACCTGGCTCCAGGACCCGGGGGGGGGCCAGGGGGGGGGCACCGCATGCCTGGA
GAGGAGGTGCTTGAGTCCAGCCAAGAGGCCCTGCATGTGACAGAGCGCAAATACCTGAAGCGAGATTGGT
GCAAAACTCAGCCCCTGAAGCAGACCATCCATGAGGAGGGCTGCAACAGCCGCACTATCATCAATCGCTT
CTGTTACGGCCAGTGCAACTCCTTCTACATCCCAGGCATATCCGAAAAGAGGAAGGCTCCTTTTCAGTCT
TGCTCCTTCTGCAAGCCCAAGAAATTCACCACCATGATGGTCACACTCACTGTCTGAGCTACAGCCAC
CCACCAAGAAGAAAAGAGTCACACGCGTGAAGCAGTGTCTGTCATATCCATCGACTTGGATT**AA**

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_019282

Insert Size: 555 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).



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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_019282.3</u> , <u>NP_062155.1</u>
RefSeq Size:	3809 bp
RefSeq ORF:	555 bp
Locus ID:	50566
UniProt ID:	<u>O35793</u>
Cytogenetics:	3q35
Gene Summary:	protein may play a role in cellular growth control, viability and differentiation; high expression levels may induce apoptosis [RGD, Feb 2006]