

Product datasheet for **RR217072**

Gramd1c (NM_001191826) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gramd1c (NM_001191826) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gramd1c
Synonyms:	RGD1305433
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR217072 representing NM_001191826
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGCGCTCTGACGGCCCGCAGATAGTAAACGACGGGATTCAAGTCTTGCCACGGAGCTACAGG
 GAGAGTTGGAGGAAAATTCTAGCCCGGCTGTGGATGAGAGTATAGTTTCAGCCAAAAACAGGGACCAAG
 CACACACAATTGGAGCGGCGACTGGAGCTTTTGGATCTCGAGCTCCACCTACAAAGACAGGAACGAGGAA
 TACAGGCAGCAGTTCACACACCTGCCGACTCCGAAAAGCTGATAGCAGATTACGCTTGCCTCTTCAGA
 GGGATATCTTGCTTCAGGGGAGGCTGTACCTTTCAGAAAAGCTGGCTGTGTTTCTATAGCAACATCTTCAG
 ATGGGAAACCACAATTTCTATTGCTTTAAAGAATAAACCTTTATGACCAAGGAGAAAAGTCTCGACTC
 ATCCCAAATGCTATCCAGATCATCACAGAGGGGAAAAGTTTTTCTCACGTCTTTTGGTCCAGAGACA
 GAAGTTACCTGAGCATATTTAGGTTGTGCAGAATGTATTGCTAGATAAGAGCCTGACCAGACAGGAGTT
 CTGGCAATTGCTCCAGCAGAATATGGCACCGAAGTAGGATTAACGCTGAAGAAATGGAACACTTGTCTG
 CTATCAATTGAAGAAAACGTGCAGCCAAGAAGTCCAGGAAGAAGCAGCGTGGATGACTCTGGGAAAGAG
 ACGAGAAGTTCTCCAAGGCCATCAGTTTGACACACGAGTCAGTTAGCAGAGCTTCAGAAAACAGATCATT
 GGATGGAAACTCACCGAAAAGAGGATTAGGAAAAGAGGGTCTCAGAGTGAGAGACAGTGGAGAAAAGT
 CCTTCCCTAGCTTCAGAAAAGAAGTTAGGCAGAGTGCCCTCCAAGACACTGGACTTGAATAAGAATGAGT
 ACCTTTCTCTGGACAAGAGCAGTACTTCAGATTCTGTGGATGAAGAAAATATCCCGAGAAAAGATCTTCA
 AGGAAGACTCTATATCAACCGAGTTTTTACATCAGTGTGAGAGAATGTTTGAATTGCTTTCACCAGC
 TCACACTTTATGCAGAGATTTACTAATTCTAGAAACATAATAGATGTGGTGTCCACCCCTGGACAGTTG
 AATCTGGAGGCGATCAGCTGAGAACCATGACCTACACTATAGTCCTCAGCAATCCACTTACGGGCAATG
 TACTGCCGCCACGAAAAGCAGACACTGTATAAAGAGAGCCGGGAAGCCAGTTTTATTTAGTAGATTCA
 GAAGTGCTGACACACGAGTCCCTACCACGACTACTTCTACACTTTGAATAGATACTGCATCGTGCGCT
 CTGCAAAAACAGAGGTGCAGGCTGAGAGTCTCCACAGACTTGAAATACAGGAAAACAACCGTGGGGCCTTAT
 CAAGTCTTTAATCGAGAAGAATTCCTGGAGTTCGCTGGAGAATTTTCAAACAGCTTGAATCAGATTTG
 TTAATGGAAGAGTCTGTGTTGAGTCAACCCATGGAAGATGCTGGAAAACCTAGCAGCCTACGCCGAGAC
 GGCGGACCTTGAACCGGACAGCAGAGCCGGTCCAAAGCTGCCCTCTCAGCGCTCTCTACAGATTTGGG
 CTTTCGAGGCCAAAGACGATATTACAGGAAAGAGAAAGGCAGTGGACAGTTGTGACTGCCCTTATCGTG
 GTGATGAGCGTATTTTTGCTGCTGCTAGTCTGCTGAATGTGACTGTTTCTGAAGTTGTCAAAGATAG
 AACACGCCACCCAGTCTTCTACCAGCTTACCTCCAAGGAGAGAAATCTTTAAATTTAGTCTCTGACAG
 GCTCTCAAGAACGAAAATATTCAAAAGAACAAAGATCAGGCCACCGTTTTAAAAGGAGTACTCCAGGAT
 TCCATAGTGATGTTGGAACAGCTGAAGAGCTCACTCATTATGCTTCAGAAAACCTTTGATTTACTAAACA
 AGAACAAGTCTGGGGTGGTTGTGGAGAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR217072 representing NM_001191826
Red=Cloning site Green=Tags(s)

MEGAL TARQIVNDGDSS LATELQGELEENSSPAVDESIVSAKKQGPSTHNWSDWSFWISSSTYKDRNEE
 YRQQFTHLPDSEKLIADYACALQRDILLQGRLYLSENWLCFYSNIFRWETTISIALKNITFMTKEKTARL
 IPNAIQIITEGEKFFFTSFGARDRSYLSIFRLWQNVLLDKSLTRQEFWQLLQQNYGTELGLNAEEMEHL
 LSIEENVQPRSPGRSSVDDSGERDEKFSKAI SLTHESVSRASETESLDGNSPERGLGKEGSQSERHVRK
 PSLASEKKLGRVPSKTLDLNKNEYLSLDKSSTSDSVEENIPEKDLQGRLYINRVFHISAERMFELLFTS
 SHFMQRF TNSRNIIDVVSTPWTVESGGDLRTMTYITIVLSNPLTGKCTAATEKQTLTYKESREAQFYLVDS
 EVLTHDVPYHDYFYTLNRYCIVRSKQRCRLRVSTDLKYRQPWGLIKSLIEKNSWSSLENYFKQLES
 DLMEESVLSQPMEDAGKLSLRRRRRTLNR TAEPVPKLPSQRSPTDLGFEAKDDITGKRKAVDSCDTALIV
 VMSVFLLLL VLLNVTFLKLSKIEHATQSFYQLHLQGEKSLNLVSDRLSR TENIQKNKDAQHRLKGLVQD
 SIMVLEQLKSSLI MLQKTFDILLNKNSG VVVES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001191826

ORF Size: 1989 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001191826.1](#), [NP_001178755.1](#)

RefSeq Size: 1992 bp

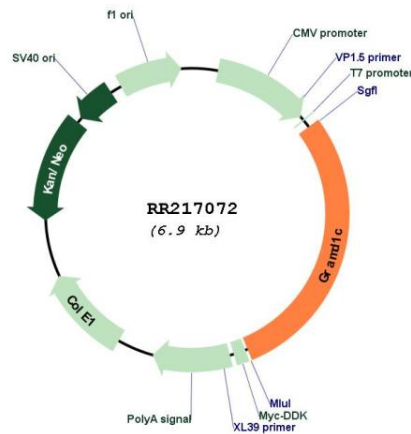
RefSeq ORF: 1992 bp

Locus ID: 360717

Cytogenetics: 11q21

MW: 75.9 kDa

Product images:



Circular map for RR217072