OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RN203502

Grm7 (NM_031040) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Grm7 (NM_031040) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Grm7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

View online »

Fully Sequenced ORF:

>RN203502 representing NM_031040
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTCCAGCTGGGGAAGCTGCTCCGCGTCCTGACTTTGATGAAGTTCCCCTGCTGCGTGCTGGAGGTGC
TCCTGTGCGTGCTGGCGGCGGCGGCGCGGCCAGGAGATGTACGCCCCGCACTCGATCCGGATCGAGGG
GGACGTCACCCTTGGGGGGTTGTTCCCAGTGCACGCCAAGGGTCCCAGCGGAGTGCCCTGCGGCGACATC
AAGAGGGAGAATGGGATCCACAGGCTGGAAGCTATGCTTTATGCCCTGGACCAGATCAACAGCGATCCCA
ACCTGCTGCCCAATGTAACGTTAGGCGCGCGGATCCTGGACACTTGTTCCAGGGACACTTATGCGCTCGA
ACAGTCGCTCACTTTCGTCCAGGCGCTTATCCAGAAGGACACCTCCGACGTGCGTTGCACCAACGGAGAG
CCCCCGGTTTTCGTCAAGCCAGAGAAAGTAGTTGGAGTGATTGGGGCTTCGGGGAGCTCCGTCTCCATCA
TGGTAGCCAACATCTTGAGGCTTTTTCAGATCCCTCAGATTAGTTATGCATCCACGGCTCCTGAACTCAG
TGATGACCGGCGCTATGACTTCTTCTCTCGAGTGGTCCCGCCTGATTCCTTCCAAGCCCAGGCGATGGTT
GACATTGTAAAGGCTTTGGGCTGGAATTACGTGTCTACTCTTGCATCTGAAGGAAGCTATGGAGAGAAAG
GTGTGGAGTCCTTCACACAGATTTCCAAAGAGGCAGGTGGGCTCTGCATTGCCCAGTCCGTGAGAATCCC
CCAAGAGCGCAAAGACAGGACCATTGACTTTGATAGAATTATCAAACAGCTCTTGGACACTCCCAACTCC
AGGGCCGTCGTGATTTTTGCCAACGATGAGGATATAAAGCAGATCCTTGCCGCCGCCAAAAGAGCTGACC
AAGTAGGCCATTTTCTCTGGGTCGGGTCAGACAGCTGGGGTTCCAAAATCAACCCACTGCATCAGCACGA
AGATATTGCGGAAGGAGCCATAACAATCCAGCCTAAAAGGGCAACCGTGGAAGGATTTGATGCTTACTTC
ACATCCCGGACACTTGAAAACAACAGGAGAAATGTATGGTTTGCCGAATACTGGGAAGAAAACTTCAACT
GCAAGTTGACAATTAGTGGGTCCAAAAAAGAAGACACAGATCGCAAATGCACAGGACAGGAGCGAATTGG
AAAAGACTCCAATTATGAGCAGGAAGGTAAAGTACAGTTTGTGATTGATGCTGTCTATGCCATGGCCCAT
GCTCTTCATCACATGAACAAGGATCTGTGTGCTGACTACCGCGGAGTGTGCCCAGAGATGGAGCAAGCAG
GCGGCAAGAAGTTGTTGAAGTATATCCGCCATGTTAACTTCAATGGTAGTGCTGGAACCCCAGTAATGTT
TAACAAAAATGGCGATGCTCCAGGGCGTTATGACATCTTCCAATACCAGACAACAAACACAACCAACCCT
GGTTATCGTCTCATTGGGCAGTGGACAGATGAACTTCAGCTCAATATAGAGGACATGCAGTGGGGCAAAG
GAGTCCGAGAGATCCCATCCTCTGTGTGTACATTGCCATGCAAGCCTGGGCAAAGGAAGAAGACACAGAA
GGGAACGCCTTGCTGCTGGACCTGTGAGCCCTGTGATGGATACCAGTATCAGTTTGATGAGATGACCTGT
CAGCATTGTCCCTACGACCAGAGGCCCAATGAGAACCGAACTGGCTGTCAGAACATCCCAATCATCAAAC
TGGAGTGGCACTCCCCCTGGGCTGTCATTCCTGTCTTCCTGGCAATGTTGGGGATCATTGCCACCATCTT
TGTCATGGCAACTTTCATCCGCTACAATGACACACCCATTGTCAGGGCATCTGGGCGGGAACTCAGCTAT
GTTTTATTGACAGGCATCTTTCTCTGCTATATCATCACCTTCCTAATGATTGCCAAACCAGATGTGGCAG
TGTGTTCTTTCCGACGTGTCTTCTTGGGCTTGGGCATGTGTATTAGTTATGCTGCCCTTTTAACAAAGAC
CAATCGGATTTATCGCATATTCGAGCAGGGCAAGAAATCGGTGACAGCTCCCAGACTCATAAGCCCAACG
TCACAACTGGCGATCACTTCCAGTTTAATATCGGTGCAGCTTCTAGGTGTCTTCATTTGGTTTGGGGTTG
ACCCCCCCAACATTATCATAGACTACGATGAGCATAAGACCATGAACCCAGAACAAGCAAGGGGTGTTCT
CAAATGTGACATCACAGACCTTCAAATCATTTGTTCCCTGGGATATAGCATTCTTCTCATGGTCACATGT
ACTGTGTATGCCATCAAGACTCGGGGCGTACCAGAGAATTTTAATGAAGCCAAGCCCATTGGGTTCACTA
TGTACACGACGTGTATCGTATGGCTTGCCTTCATCCCAATATTTTTTGGCACAGCGCAGTCAGCAGAAAA
GCTCTACATACAAACTACCACGCTTACAATCTCCATGAACCTAAGTGCGTCAGTGGCGCTGGGAATGCTA
TACATGCCGAAAGTGTACATCATCATTTTCCACCCTGAACTCAATGTCCAGAAACGGAAGCGAAGCTTCA
AGGCCGTAGTCACAGCAGCCACCATGTCATCAAGGCTGTCACACAAACCCAGTGACAGGCCCAACGGTGA
GGCAAAGACAGAACTCTGTGAAAATGTAGACCCAAACAGCCCTGCTGCAAAAAAGAAGTATGTCAGTTAT
AATAACCTGGTTATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_031040
Insert Size:	2748 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).
RefSeq:	NM_031040.1, NP_112302.1
RefSeq Size:	3417 bp
RefSeq ORF:	2748 bp
Locus ID:	81672
UniProt ID:	P35400
Gene Summary:	G-protein coupled receptor that inhibits glutamate release; acts via cAMP inhibitory and Ca+2 channel inhibitory pathways [RGD, Feb 2006]