

Product datasheet for **RN203064**

Grb7 (NM_053403) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Grb7 (NM_053403) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Grb7
Synonyms:	MGC93307
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN203064 representing NM_053403
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGAAGTGGATCTGAGCCCGTCTCATCTCAGCAGCTCCCCAGAAGATGTGTGCCAACTCCTGGGACCC
 CTCCCGAGACTCCTCCGCCCCCGGATAACCTCCGCCCGCGATGTGAAGCGGTCTCAGCCTTTGCCCAT
 CCCAAGTAGCAGGAACTTCGAGAAGAGGAGTTTCAGGCAACCTCTCTACCCTCCATCCCCAACCCCTTC
 CCCGAGCTCTGCAGCCACCTTCACAGAAACCCATTCTTGGTGGTTCTCCGGTGCTAGGGGGTTGCTTC
 CTCGAGACTCCAGCCGCCTCTGTGTGGTGAAGGTGTACAGTGAAGATGGAGCCTGCCGGTCTGTGGAAGT
 GGCGGCAGGTGCGACGGCTCGCCATGTGTGTGAGATGCTGGTGCAGCGAGCTCACGCCCTGAGCGATGAG
 AACTGGGGCCTGGTGGAGTGCCACCCCTATTTGGCTCTGGAGCGGGGTTGGAGGACCATGAGTCTGTGG
 TAGAAGTGCAGGAGGCCCTGGCCTGTGGGTGGAGACAGCCGCTTCATCTCCGTAAGAACTTCGCCAAGTA
 TGAAGTCTCAAGAGCCCTCCGCACACCCTGTTCCAGAAAAGATGGTTTCCAGCTGTCTGGATACACCA
 ACAGGCATATCCCATGAAGACCTCATCCAGAACTTCCTGAATGCTGGCAGCTTCCCTGAGATCCAGGGCT
 TCTGCAGCTTCGGGGATCAGGCCGGGGTTCAGGTGCAAGCTTTGGAACGATTCTTCTGCTTCCTGCG
 TCGGTCTGGCCTCTATTACTCGACCAAGGGCACCTCTAAGGACCCGAGACACCTACAGTACGTGGCAGAT
 ATAAATGAGTCCAATGTGTATGTGGTGACCCAGGGCCGCAAGCTGTATGGGATACCCACCGACTTCGGCT
 TTTGTGTCAAGCCCAACAAGCTTCGAAATGGCCACAAGGGGCTCCACATCTTCTGCAGCGAGGATGAGCA
 GAGTCGGACTTGCTGGCTGTCCGCCTTCGGCTCTTCAAGTACGGGGTACAGCTATATAAGAATTATCAG
 CAGGCCAGTCTCGTCACCTGCGCTTATCGTATTTGGGGTCTCCACCCTTGAGGAGTGTCTCAGATAATA
 CCCTGGTGGCCATGGACTTCTCTGGCCATGCTGGGCGTGCATTGAGAACCCCAAGGAGCTCTGAGTGC
 TGCCACGGAGGAAGCCAGGCCTGGAGGAAGAAGACAAACCACCGTCTCAGCCTGCCACCCCGTCTCC
 GGCTGAGCCTCAGTGCAGCTATCCATCGACCCAGCCCTGGTTTCATGGACGAATCTCCCGGGAGGAGA
 GCCAGCGGCTAATTGGACAGCAGGGCCTGGTGGATGGTGTATTCTGGTCCGGGAGAGCCAGCGGAACCC
 ACAGGGCTTCGTTCTGTCTGTGCCATCTGCAGAAAGTCAAACATTATCTCATCTTGCCAAGCGAAGAT
 GAAGGCTGCCTTTACTTCAGCATGGATGACGGCCAGACCGTTTTCACAGACCTGCTGCAGCTGGTGAAT
 TCCACAGCTGAACCGAGGCATCCTGCCCTGCTGCTGCGCCACTGCTGTGCCCGTGTGGCCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053403

Insert Size: 1608 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:	<u>NM_053403.2, NP_445855.1</u>
RefSeq Size:	2445 bp
RefSeq ORF:	1608 bp
Locus ID:	84427
UniProt ID:	<u>Q9QZC5</u>
Cytogenetics:	10q31
Gene Summary:	a molecular adapter that binds the insulin receptors [RGD, Feb 2006]