

Product datasheet for **RN201990**

Gpkow (NM_001109381) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpkow (NM_001109381) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpkow
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201990 representing NM_001109381
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGGCCGTGAGAGTCCGCCACCGGCTGCCGCTCCACAGCTCCGATTTCTTCGGTTTCACTCGCA
 CATCTGTCCGGAGGCGACTGGCAGACCTCGGAGACAGCGAAGGACAGGCCCCAGAGAAGAAAGATTTCTT
 GGCGACTGTGGAAGGGAGGGAGCTGCAGAGTGTGAACCTCCAGAAGCTCCAAAGGAGCTGGTTATCCCA
 TTGATCCAGAATGGCTCTCGCAGGCAACTGCTGTCCAAGAACCCTAAGCCCTCAGAAACAAGCACCGTGT
 TGACGTCAGATGGTGTGTGTCCAGGCTGTGAAGGAACCTATTGAGGAATCCAAGAAGTCTCTGGAGGA
 GAGGGAGAATGCAGGTGTTGACCCACGCTCACTATCCCATGATCCAGAAAGGATGACTCCATTGGG
 GAAGGAACATACAGCGAACCTCAGGCTGAGACAGTGCCGAAGAAGCCGACTATGAGGCAGTGCCTGTGG
 AGGCCTATGGGCTGGCCATGTTGCGGGGCATGGGCTGGAACCTGGCAAGGGCATCGGCAATACATTCAG
 TCAGGTAGTGAAGCCCCGAGTCAACTCTATAAGGCCAAAGGGCTTAGGGCTGGGTGCCAACCTGATGGAG
 ACTCAGGCCTTGCCCTCACTGGCTCTCACCACCACCAAGACCAGATGGGGATCGTGAGAAGGATAAGG
 AAGGCCAACCTCAAGGGCTGATGCATGGAGGAGCTGTGGTGGTCTTTCTGGCCCTTACCGGGGCCCTCTA
 TGGGAAGGTAGAAGGCCATAGATCCTGACATGTACGAGCCATGGTTCCGGCTGGCAGTAGGCAACCGCGTT
 GTGAATGTTAGTGAGTATTGCCTGCGGCCTGTTTCCAGCAGGAGTTTGATAGCCACACGTCGAAGCCAG
 GCCATGTGAGCAAACTCCACAGAGCAGCAGCACAGAGCAACTGGAACAGCCTCATCAGTGAAGGCCCT
 ACAGAATCAGGAAGACTCAAAGAGGAGGCGAGAAGGATTCAGAGAAGAAGCGGAAACACTCTCTGACCGA
 CGGGATGGACCTGTGCCAAGACTGAGAAAGCGGCGCTAGAAACAAGCACTGGTTACACAGGGACCTAC
 GTGTGCGGTTTCATTGACAAAGTGCACAAGGGTGGCCGCTATTATAACACCAAGATGACAATTGAAGATGT
 CCTGAGCCCAAGTACTTGTGTGTGTGCGGACGGATGAAGGCCGAGTTCTAGAAGGTGTGAAAGAAGGCATG
 CTGGAGACCCTGGTTCCAGGGGAGAGGGCCACCGCGTATGGTGGTACTGGGACCACATGCTGGAAGG
 TGGGACTTCTTCTGCGTCGGGACAGAGCACAGAGTCACGCTATGGTCCAGCTTGGGAGAGAGAATCAGGT
 GGTGGAGCTCCACTATGATGCCATCTGCCAGTACATGGGCCCCGGTGACTCAGATGAAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109381

Insert Size: 1464 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: NM_001109381.1, NP_001102851.1
RefSeq Size: 4033 bp
RefSeq ORF: 1464 bp
Locus ID: 679890
Cytogenetics: Xq12