

Product datasheet for **MC216881**

Gpkow (NM_173747) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpkow (NM_173747) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpkow
Synonyms:	4432411B18; DXErtd697e; DXImx41e; T54
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216881 representing NM_173747
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGGCCGTGAGAGTCCGCCCGCTGCCCCGTCAATGGCTCCAATTTCTTCGGGTTCACTCGCA
 CGTCTGTCCGGAGGCGACTGGCAGACCTCGGAGATAGCGAAAGACAGGCCCCAGAGGAGAAAATTCTT
 GGCGACCGTGGAAGGGAGGAAGCTGCAGAGTGTGAACCTCCAGAAGCCCCAAGGAGCTGGTTATCCCG
 TTGATCCAGAATGGCTCTCGCAGGCAACCTCTGTCCAAGAACCCTAAGCCATCCTCAGAACTAGCACCG
 TGTGATGTGACAGGTGTGTTGTCCAGGCTGTGAAGGAATCATTGAGGAATCCAAGAAGTCTCTGGA
 GGAGAGGGAGAATGCAGGTGTTGACCCACGCTCACTATCCCCATGATCCAGAAAGGATGTACTCCATT
 GAGGAAGGATCAGACAGCGAACCTCAGGCTGAGACAGTCCGGAGGAAGCCGACTATGAGGCAGTCCCTG
 TGGAGGCCATGGGCTGGCCATGTTGCGGGCATGGGATGGAAACCTGGCAAGGGCATCGGCAATACCTT
 CAGTCAGGTAGTGAAGCCCCGAGTCAACTCTATAAGGCCGAAGGGCTTAGGGCTAGGTGCCAACCGGATG
 GAGGCTCAGGACTTGGCTCCGTAGGCTCTCACCACCCACCAAGACCAGATGGGGATCGAGAGAATGATA
 AGGAAGGCCAACCTCAAGGGCTGATGCATGGAAGAGCTGTGGTTGTCTTCTGGCCCCCTACCGGGGCT
 CTATGGCAAGGTAGAAGGCCCTAGATCCTGACAACGTACGGGCCATGGTTCGCTTGGCAGTGGGCAACCGC
 ATTGTGACTGTTAGTGAGTATTGCCTGCGGCCTGTTTCCAGCAGGAGTTTGATAGCCACACCTCGAAGC
 CAGGCCATGTGAGCCAACTTCCACAGAACAAACAAACAGAGCAACTGGAACAGCCTCGTCATTGAAGGC
 TGCACAGAATCAGGAAGACTCAAAGAGGAGGCAAAAGGGTTCGGAGAAGAAGCGGAAACTCTCCCGAC
 CGACAGGATGGACCTGTGCCAAGACTGAGAAAGCAGCCCTAGAAACAAGCACTGGTTGCACAGGGACC
 TACGTGTGCGGTTCAATTGACAACTACACAAGAGTGGCCGCTATTATAACACCAAGATGACAATTGAAGA
 TGTCTGAGCCCAGACACATGTGTGTGTCGGACGGATGAAGGCCGAGTTCTGGAAGATGTGAGAGAAGAT
 ATGCTGGAGACCCTGATTCCCAAGGAGAAGGCCACCGTGTGATGGTGGTGTGCGACCACATGCTGGAA
 AGGTGGGACTTCTTAGGAGTCGGGACAGAGCGCAGAGTCATGCTTTGGTCCAACCTAGGAGAGAGAACCA
 GGTGGTGGAGCTCCACTATAACGCCATCTGCCAGTACATGGGCCCGGTGACTCAGATGAAGACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_173747
- Insert Size:** 1467 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_173747.3 , NP_776108.2
RefSeq Size:	3591 bp
RefSeq ORF:	1467 bp
Locus ID:	209416
UniProt ID:	Q56A08
Cytogenetics:	X 3.47 cM
Gene Summary:	RNA-binding protein involved in pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]