

Product datasheet for MC211952

Gpank1 (NM_032460) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Gpank1 (NM_032460) Mouse Untagged Clone

Tag: Tag Free

Symbol: Gpank1

Synonyms: Bat-4; Bat4; D17H6S54E; G5

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC211952 representing NM_032460
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGTTGGATCGCTTGCTTGTCACATCCTTGCCTTGCCAGTCTTCATTTCTTGTCTCTCACAGGCA
TGTCTAGGCCATCCTTCATCGAATTTACCCAGCGGCTGACTCCAGTGACCTCTGGAAGGATGGGCAGCA
GCAACCACAGCAGGAGAAAGCAGAGCCTGTCCTGGACGGGGCTGCTGCCCGGGCTTTCTATGAGGCTCTA
ATCGCAGATGACAGTAGTTCCTTAAGCCCCAGAGAGCTGAACCTATGAGGGAGAGGAAGAAGAAGAGAA
GAAGAGTGACTAGGGAGCCTGCAGCAGCAGGAGTCCCCAGACAAGGAAGAGCACTTGAGGATGAAGACAG
GATGGCCAGTGGATCCTGCTGGCAGCCAGAATGGGGATCTGACAGAACTCCGGAGGCTGCTAGAACCC
CAAGAGGCAGGGGAGCTGGAGGGAATATCAATGCTCGTGATGCCCTTCTGGTGGACTCCCTTGATGTGTG
CTGCCCCAGCAGGCCAGGGCGCCGCTGTGCGCTATCTCCTGGGCCGAGGAGCTGCCTGGGTTGGAGTCTG
TGACCTGGGAGGCAGAGATGCTGCCAGCTGGCTGAAGAAGCAGGCTTCCTGAGGTAGCCCGTATGGTC
AGAGAGAGTCATGGAGAGACAAGGAGCCCTGAGAACCAGAACCGATCTACCCCTCCTCGTCCAGTTCT
GTGAGGACTGTGGTGCCCACTTTGAAGACTCCAACCACACATCTACTGCTCACCTGCTGTCACTGTC
CAGGAGACCCAGCCCTCAACCTTCCCTTGGGGTGCCCACTTCAGTCCTGGCTTCAGGCTACTGCTG
AGAGGTGGCTGGGAACCAGGAATGGGGCTAGGACCCCGGGTGAAGGCCGTGCCAACCTATCCCACTA
TCCTCAAGAGGGACCAAGGAAGGATTGGGTATAGATCCCCACCCCAACCCGAGTCACACACTTTGCAGC
GCGGGATACCCGGGCTGTGTCTGGGAGAGAGAGTCCCTCGAGTTGCCCACTGAGTCAGAGGGAGAAC
AGAAGGCAAGAAGAAAAGGGCAGAGCCTGGGAGCGAGATCTAAGACTGTACATGAACCTCGAGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_032460
Insert Size:	1119 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:	<u>NM_032460.2</u> , <u>NP_115849.2</u>
RefSeq Size:	1304 bp
RefSeq ORF:	1119 bp
Locus ID:	81845
UniProt ID:	<u>Q61858</u>
Cytogenetics:	17 18.59 cM