

Product datasheet for MC214709

Pjvk (NM_001080711) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pjvk (NM_001080711) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pjvk
Synonyms: Dfnb59; Gm1001; Pjvk
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214709 representing NM_001080711
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTTGTCTGCTACCAAGAGCTTCGTTAAGCAAGTTGGAGATGGAGGGAGATTAGTCCCTGTCCAA
 GCCTCAGCGAAGCTGACAAGTACCAACCCCTGAGTCTGGTGGTAAAAAGAAGCGGTGTTTTCTGTTTC
 TAGATGCAAATTCACATCCACTCCTTTACACTTAAAGATATTCTCTGGGAGATCGAGAAATTTACGT
 GGAATTTTCATCTTATCAGTTACTGAATTATGAAGATGAGTCAGATGTTTTCCCTCTATGGAAGCGAAGCA
 ACCATATTGTGAATGACGTGGGATTAATGTCCTGATCTGATTCCATCGCAGTCAAAGCTTCATTTGG
 TGTCTGACCAACATGAGGTGGAAGTTTCGACATTACTCAAGGAGATTACTGCACGAAAAATTAACCTT
 GACCACAGTTTGTCCGCAATCAAGGAGCAGCAGGAAGCGGTGCTGTGCGTGGTATGGAGAGCATCC
 GAACCACAGCCAGTCTCTGTGTCAGTGCACGCTGGGATTCTGGGGAAGCCATGCGGTTTCATTTTAT
 GGATGAACAGAATCCCAAGGGAAGGAAAAGGCTATTGTTTTCCAGCACACAACTATAGCTTTCAGT
 GTTTTTGAGCTTTCATCTACCTGGACGGTGCCTTCGACATTTGTGCACATCTGTGTCAAAGGAGGAT
 TTGAAAGGGAAGAAACGACAACCTTGGCATGTTCTACAGACTGAGAAATATACTTTCGAAAGAACAG
 GAGAGTGATGGACCCATCTCTGTTCCAGCTTTACCTGGACGACCTCTTTTCTGACTTCTACGACAAA
 CCCCTCAGCATGACTGACATTTCCCTCAAGGAGGGGACTCACATCCGAGTGAACCTACTAAACCACAACA
 TTCTAAAGGGCCCTGCATCCTCTCGGGAATGGGAACTTAAAAAGGAGACGGTCTACGGCTGCTTCCA
 GTGTTCTGTGGACGGCGTGAAGTACGTGCGTCTTACGCGAGTCCCTTGCTTTGATATCTGGCACAAGAGA
 ATGAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001080711



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Insert Size:	1059 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	<ol style="list-style-type: none"> 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_001080711.2 , NP_001074180.1
RefSeq Size:	1217 bp
RefSeq ORF:	1059 bp
Locus ID:	381375
UniProt ID:	Q0ZLH2
Cytogenetics:	2 C3
Gene Summary:	Essential in the activity of auditory pathway neurons.[UniProtKB/Swiss-Prot Function]