

Product datasheet for **MR209118**

Pxk (NM_145458) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pxk (NM_145458) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pxk
Synonyms:	C230080L11Rik; D14Ert813e; MONaKA; Monaka; Slob
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209118 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTTCATGGAGAAGCCGCGCTGGCAAGGTGCTGCTGGACGACACGGTGCCGCTGACAGCGGCCG
 TCGAGGCGAGCCAGAGTCTGCAGTCGCACACGGAATATATCATCCGGGTGCAAAGAGGAATTTCTGCAGA
 AAACAGCTGGCAGATCGTCAGAAGATACAGCGACTTCGATCTGCTTAACAACAGCTTGCAAATTACAGGC
 CTGAGCCTGCCTCTTCTCCTAAGAAACTGATTGGAAACATGGACCGTGAGTTCATCGTGAGAGGCAGC
 GAGGCTCGCAGAACTACCTAACGTCAATCATGGCAAATCATGTCTTGCCAACTGTGAGCTGCTTAAGAA
 GTTCTAGACCCAAACAATACTGCAAACTATACTGAGATCGCCTTACAGCAGGTTTCCATGTTCTTC
 CGATCAGAACCAAAGTGGGAGGTGTAAGCACTGAAGGACATAGGTTGGAGGATAAGGAAGAAATATT
 TCTTGATGAAAAAATAAAACCAACCAAGGAGCGGCTGGTCTAAGCTGGGCTGATCTTGCCAGACAA
 GTACTTGTGAGATAAAGATTTTTCAGTGTCTAATCAAACCTTCTGCCTTCTGTGTGCACCCTTACATCTAT
 CCGGTACCTTTGCCACGGCTAGTGAGTCTCCGATTGCTGATTAGAGCCTTAAATGAGAAGGGAACCT
 TGAAGGATCTGATCTACAAGGCAAAACCAAGGACCCCTTCTAAAGAAATACTGCAACCCTAAGAAAAAC
 CCAGGGCCTTGAAGTCCAGCAAATAAAACATATGGGCGGCAGATATTAGAGGCACTAAAGTTTCTTCAT
 GACAAGGATTCCTTACGGCCACCTCCATGCAGCCAATGTGATGCTGGATGGCAACACTTGCCGGCTGC
 TAGACCTCGAAAACACTACTGCTGGGTCTGCCTTCTTCTACCGATCTACTTACACAATTCAGGAAAAAT
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 TGATGTTTTACTAACAACCTCTGAAAAGCCACAGTTTAAGATTCCACAAAACTAAAAGAGGCATTGCGA
 ATTGCCAAGGAATGCATAGAGAAGAGACTCACCGAGGAACAGAAGCAGATTACACAGCATCGAAGACTAA
 CGAGAGCCAGTCACACCATGGGTCTGAGGAAGAAAGGAAAAGGAGAAAGATCTTAGCTCGAAAAGAGTC
 AAAACGATCTGCTGTTGAAAACAGTGGAGGAGCAGCCAGTGAAGCACAGTAACTCCAATAACTCAGCAGGA
 TCTGGGGCCAGCTCACCTCTCACATCCCCATCATCTCAAACCTCCACCGTCCACAGCAGGACTGTCTTCAG
 CATTACCTCCACCTCCTCCGCCACCTCCTCCTCCACCTCCACCAGCAGGTCCTCGCCAACCTCAGCCAC
 GGAGACGCTGCTCCGTTCTGCCCCAGCCTGTGAATGGTGTGAACCGTGGGGCCTTGCTCAGTTCATC
 CAGAATTTCCAAAAGGGAACCTTTCGGGAAAGCCAAACCTGTGATCACAGCGCTCCAAGATCGGC

ACGCGTACGCGGCGCCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209118 protein sequence
 Red=Cloning site Green=Tags(s)

MAFMEKPPAGKVLLDDTVPLTAAVEASQSLQSHTYIIRVQRGISAENSWQIVRRYSDFLLNNSLQITG
 LSLPLPPKKLIGNMDREFIAERQRGLQNYLNVIMANHVLNCELLKFLDPNNYSANYTEIALQQVSMFF
 RSEPKWEVVEPLKDIGWRIRKKYFLMKIKNQPKERLVLWADLGPDKYLSKDFQCLIKLLPSCVHPYIY
 RVTFATASESSALLIRAFNEKGLKDLIYKAKPKDPFLKCYCNPKKTQGLELQQIKTYGRQILEALKFLH
 DKGFYPYHGLHAANVMLDGNTCRLLDLENSLLGLPSFYRSYFTQFRKINTLESVDVHCFGHLLYEMTYGRP
 PDSVPVDSFPPASSLAVVAVLESTLSCEACKNGMPTVSRLLQMPFLSDVLLTSEKPFQIPTKLKEALR
 IAKECIEKRLTEEQKQIHQHRRLTRAQSHHGSEERKRRKILARKKSKRSAVENSEEQPVKHSNSNNSAG
 SGASSPLTSPSSPTPPSTAGLSSALPPPPPPPPPPPPAGPSPTSATETPAPFLPQPVNGVNRGALLSSI
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

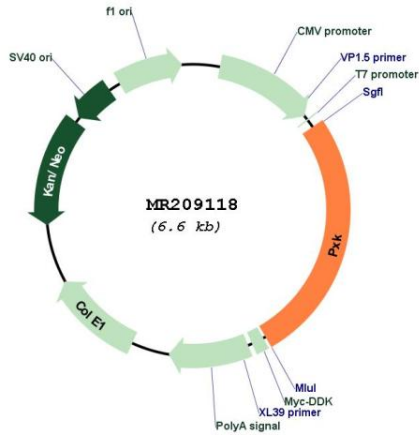
Restriction Sites:

Sgfl-MluI

MW: 65.2 kDa

Gene Summary: Binds to and modulates brain Na,K-ATPase subunits ATP1B1 and ATP1B3 and may thereby participate in the regulation of electrical excitability and synaptic transmission. May not display kinase activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209118