

## Product datasheet for **MC218214**

### **Pak1 (NM\_011035) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pak1 (NM_011035) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pak1
Synonyms:	AW045634; PAK-1; Paka
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC218214 representing NM\_011035  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCAAATAACGGCGTAGACATCCAGGACAAACCCAGCCCTCCGATGAGAAACACCAGCACTATGA  
 TTGGAGCCGGCAGCAAAGACACTGGAACCTAAACCACGGCTCCAAACCTCTGCCTCAAACCCAGAGGA  
 GAAGAAAAAGAAGGACCGGTTTTATCGATCCATCTTACCTGGAGATAAAACAAATAAAAAGAAGGAGAAG  
 GAGCGACCAGAGATTTCTCTTCCTCAGATTTTGAGCATAACAATTCATGTTGGTTTTGATGCTGTACAG  
 GGGAGTTTACGGGAATGCCAGAACAGTGGGCTCGCTTCAAACATCAAATATCACAAAGTCAGAACA  
 GAAGAAAAACCCACAGGCTGTTCTGGATGTGTTGGAATTTATAACTCTAAGAAGACCTCCAATAGTCAG  
 AAGTACATGAGTTTTACAGATAAGTCAGCTGAAGATTATAATTCTTAACTTTGAATGTGAAGACTG  
 TGTCTGAGACCCAGCAGTACCACCAGTGTGAGAAGATGAAGATGATGATGACGATGCTACCCACCTCC  
 AGTGATTGCTCCACGCCAGAACACAAAAATCTGTATATACACGATCTGTGATTGAACCACTTCTGT  
 ACTCCAACCTCGGGATGTGGCTACATCTCTATTTCTCTACTGAGAATAACACCCTCCGCCAGATGCTT  
 TGACCCGGAACACGGAAAAACAGAGAAGAAGCCTAAAAATGTCTGATGAGGAGATCTTAGAGAAATTACG  
 GAGCATAGTGAGTGTGGGTGATCCTAAGAAGAAGTACACACGGTTCGAGAAGATTGGACAAGGTGCTTCA  
 GGCACAGTGTACTGCAATGGATGTAGCCACAGGGCAGGAGGTGGCCATTAACAGATGAATCTTCAGC  
 AGCAGCCGAAGAAAGAGCTGATTATTAATGAGATCCTGGTCATGAGGGAAAAACAAAACCAATATTGT  
 CAACTACCTGGACAGTTACCTTGTGGGAGATGAGCTGTGGGTGTTATGGAATACTTGGCTGGAGGCTCC  
 TTGACAGATGTGGTGACAGAAACCTGTATGGATGAAGCCAGATAGCAGCTGTGTGCCGAGAGTGTCTAC  
 AAGCTTTGGAGTTTCTACATTCAAACCAAGTCATTACAGGGACATCAAGAGTGACAATATTCTGTGGG  
 AATGGATGGCTCTGTCAAGTTAACTGACTTTGGATTCTGTGCACAGATAACTCCAGAGCAGAGCAAAGG  
 AGCACCATGGTGGAACTCCATATTGGATGGCACCTGAAGTTGTGACACGCAAGGCCTATGGACCAAGG  
 TTGACATCTGGTCCCTGGCATTATGGCAATTGAAATGATTGAGGGGGAGCCCCATACCTCAATGAAAA  
 CCCTTTGAGAGCCTTGTACCTCATTGCTACCAATGGGACGCCAGAGCTTCAGAACCAGAGAAGTTGTCA  
 GCTATTTCCGGGACTTCTGAACCGCTGTCTTGAGATGGATGTGGAGAAGAGAGGCTCAGCTAAAGAGC  
 TGCTGCAGCATCAGTTCTGAAGATTGCCAAGCCCTCTCTAGCCTGACTCCACTGATTGCTGCAGCAA  
 AGAGGCAACCAAGAACAATCAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_011035

**Insert Size:** 1635 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\\_011035.2](#), [NP\\_035165.2](#)

**RefSeq Size:** 3081 bp

**RefSeq ORF:** 1635 bp

**Locus ID:** 18479

**Cytogenetics:** 7 53.57 cM