

Product datasheet for **RN202028**

Pak6 (NM_001106498) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pak6 (NM_001106498) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pak6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202028 representing NM_001106498
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTCCGAAAGAAGAAGAAGAAACGCCCTGAGATATCAGCCCCACAGAACTTCCAGCACCGTGTTCACA
 CCTCATTTGACCCCAAGGAAGGCAAGTTCGTGGGCCTGCCCCACAATGGCAGAACATCCTGGATACTCT
 GAGGCGGCCCAAGCCTGTGGTGGATCCTTCTCGAATCACACGGGTGCAGTTGCAGCCCATGAAGACGGTA
 GTACGGGGCAGCTCAGTCCACAGAGGGCTACATCTCCGGGCTGCTCAATGACATTAGAAGTTGTCAG
 CTATCAGTCCAACACTCTGCGTGGACGCAGCCCCACCAGCCGGCGGGGCACAGTCCCTGGGGCTGCT
 AGGAGATGATCAGTGGGCGGCTGACCCGGATATGTACCTCAAAGTCTCAGTCTGAGCGCACTGATCCC
 CATGGCGTCTACCTCAGTGTAAATGGGGGCACACCAGCAGGTACAGGCAAACGCCATGGCCAGAACCAC
 AGAGCCACAGGCCCTGCCAATGGCATGGCTGCCAAGGCACAGTCGCTGGGCCCGCTGAGTTCAGGG
 TGCTCCCAACGCTGCCTGCAGTGGGTGCCTGCCTACAGAGTCCCCACCTGGTACCTCACCCCTATG
 GCCACAGGGAGGGTGGGGTGAAGGTTACCAAGCATAGCTCGGAAGAGGCTCGACCACAATCTTGCCTGG
 TGGGCTCAGCCATTGGCAGACCAGGTGGAGAAGGCAGCCCCAGCCCTAAGACCCAGGAAAGCAGCCCTCAA
 GCACCGGCTCTTCCGAGCATGTTCTGTCCACTCCCGCCACAGGCTCTGCAAGCAGCAGCAAGCCGGTC
 CCTCTGCCACAGAACAAGCTCAATTCTGCTTCCGACCACCACAAAAAGATTCTCTTAAACCTGGTAG
 CCAAGGCCAGTCTTCCCTCAGATCAGCCACGGGGACCTTCAGTCTCTGACCACCTCAGATACCAG
 CAGTCCCAGAAGTCCCTCCGCACAGCCCAGCCACTGGTCCACTTCCAGGCCGGTCTTCCAGCAGGC
 TCCCCCGCACCCGGCATGCCAGATCAGCACCAGCAATCTATACCTGCCAGGACCCACAGTGGCCA
 AGGGGGCCCTGGGTGGCGAAGACACAGGCATCGTAACACATGAGCAGTTCAAAGCTGCGCTCAGGATGGT
 GGTGGACCAAGGTGACCCTCGGCTGCTGCTGGACAGCTATGTGAAGATTGGGGAGGGCTCCACGGGCATT
 GTGTGCTGCCCCGGGAGAAGCATTAGGTGCGCCAGGTAGCAGTCAAGATGATGGACCTCAGAAAGCAGC
 AACGCAGGGAAGTCTCTTAAATGAGGTGGTATCATGCGTGACTACCAGCACCTCAATGTGGTGGAGAT
 GTACAAGATTACCTGGTAGGAGAGGAGCTGTGGGTGCTGATGGAGTTCTGCAGGGCGGGGCCCTCACA
 GACATCATCTCCAAGTCAGACTCAATGAGGAACAGATTGCTACTGTGTGAAGCTGTGCTTCCAGGCT
 TGGCTTACCTGCACGCCAGGGTGCATCCACCGAGACATCAAGAGTGATTCCATCTGTGACCCTTGA
 TGGCAGGGTGAAGCTCTCAGACTTGGGTCTGTGCTCAGATCAGCAAAGATGTCCCAAGAGAAAGTCT
 CTCGTAGGAACCTCACTGGATGGCTCCTGAGGTGATCTCCAGATCCCTGTACGCTACTGAGGTGGATA
 TCTGGTCTCTGGCATCATGGTATTGAGATGGTGGATGGAGAACCCCTTACTTACGCGACTCCCAGT
 GCAAGCCATGAAGAGGCTCCGGGACAGCCCCCACCAGCTAAAGAAGTCTTACAGGTCTCTCCAGTG
 CTGCGAGACTTCTGGAACGAATGCTGGTACGGGAACCCCAAGAGAGAGCCACAGCCAGGAGCTCTGG
 ATCACCCCTTCTGCTGCAGACGGGGCTGCCGAGTGTCTGGTGCCTCTGATACAGCTCTACCGCAAGCA
 GACCTCCACCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106498
- Insert Size:** 2046 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_001106498.1](#), [NP_001099968.1](#)

RefSeq Size: 2729 bp

RefSeq ORF: 2046 bp

Locus ID: 296078

Cytogenetics: 3q35