

Product datasheet for **RN209475**

Abcd4 (NM_001013100) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abcd4 (NM_001013100) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Abcd4
Synonyms:	Pxmp1l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209475 representing NM_001013100
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGTCCCGGACCCACGGCCCGAGCTAGTGCCAGGCCAGATTAGATCTGCAACTGTCCAGAAGT
 TCATAAGGATACAGAAGGTTTTCTTCTTCTTGGTCATCACAGAATGTCTTAATGTTTCATGACTCTT
 GTGTGTGGCCCTCTGGAGCAACTGGTATCTACCAAGTTGGCTTATCCCCAGTCAGTATTATGGTGT
 TTGGGAAACAAAGACCTGGATGGATTTAAGGCACTGACCTTCTGGCCGTGGCACTATTGTTCTCAACT
 CCACCCTGAAGAGTTTTGACCAGTTCACCTGCAACCTGCTGTATGTGAGCTGGAGGAAAGACCTCACAGA
 GCACCTGCACCAGCTCTACTTCCGGGCCCGGTACTACACCCTCAACGTGCTGCGGGACGACATCGAT
 AATCCGGACCAGCGGATCAGCCAGGACGTGGAGCGTTCTGCCGCGAGCTCAGCAGCGTGACCAGCAAGC
 TCATCATCTCCCCTTCACTCTCGCTACTATACTACCAGTCTTCAAAGCACAGGCTGGCTTGGGCC
 TGTGAGCATCTTTGGATATTTTCATCTGGGTACCATGGTGAACAAAACCTTTGATGGGGCCCATCGTGACG
 AAGCTGGTGCAGCAGGAGAAGCTGGAGGGGATTTTAGGTTCAAGCATATGCAGATTCGAGTGAACGCTG
 AGCCTGCAGCTTTCTACAGAGCTGGGCTCGTAGAGCACATGAGGACGGACCCGAGGCTGCAGAGACTCCT
 TCAGACCCAGAGAGAGCTGATGTCCAGGGAGCTCTGGCTTACATTGGCATCAACACCTTTGACTACCTG
 GGCAGCATTCTGAGTTACGTGTCATCGCCATCCCATTTTCAGGGGGTCTACGGAGACTTGAGCCCCA
 CAGAGCTCAGCACCTGGTCAGCAAGAATGCCTTTGTGTGCATCTACCTCATCAGCTGCTTACCCAGCT
 CATTGACCTGTCCACCAGCTCTCGGATGTGCGCGTTACACGCACAGGATTGGAGAGCTTCAGGAGGCC
 CTGCTGGACATGTCCGAAAATCACACGACTGTGAGACCCTAGGCGAGAGCGAGTGGGATTTGGACAAGG
 CCCAGGGTGGCCGACAACAGAGCCATCAGACACTGCTTTTCTGCTTGATCGGGTCTCCATCTTGGCCCC
 TTCTCCGACAAGCCCTGATCAAGGACTTGAGCCTGAAGATCTGTGAGGGGACAGAGTCTGCTCATTACG
 GGCAACACAGGCACTGGCAAGACCTCCCTGCTGCGGGTGTGGGAGGCCTGTGGGAGAGCATGAAAGGCT
 CAGTGCAGATGCTGGCTGATTTTGGGCCACGGGGTGTGTTCTGCTCAGAAGCCGTTCTTCACTGA
 TGGGACACTTCGGGAGCAGGTGATATATCCCTGAAGGAGATCTACCCTGACTCAGGTTCTGCCGATGAT
 GAGAGGATCGTGAGGTTCTTGGAGTTGGCAGGCCTGTCCAGCTTGGTGGCAAGAACAGGAGGTCTGGACC
 AGCAGGTGGATTGAACTGGTATGATGTCCTGTCCCCAGGGGAGATGCAAAGACTGTCCTTCGCCCGCT
 CTTCTACCTGCAGCCTAAGTATGCAGTGTGATGAAGCCACCAGTGCCTGACAGAGGAAGCGGAGAGT
 GAGCTCTACCGAATTGGCCAGCAACTGGGGATGACATTTATCAGCGTGGGACATCGGCCAGCCTTGAGA
 AGTTTCACTCCTGGGTTCTGAGACTCCATGGAGGAGGAAGCTGGGAACTGACTAGAAATCAAATGGGATG
 A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013100

Insert Size: 1821 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_001013100.3](#), [NP_001013118.2](#)

RefSeq Size: 2358 bp

RefSeq ORF: 1821 bp

Locus ID: 299196

Cytogenetics: 6q31