

## Product datasheet for **RR213452**

### **Abcd3 (NM\_012804) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Abcd3 (NM_012804) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Abcd3
Synonyms:	PMP70; Pxmp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR213452 representing NM\_012804  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGGCCCTTCAGCAAGTACTTGACGGCGCGGAACCTCGCTGGCGGGGGCCGCTTCTGCTGTTCT  
 GCCTGCTCCACAAGCGGGTTCGCGCCCTCGGCCTGCACGGTAAGAAAAGTGAAAAACCGCCATTACAGAA  
 TAATGAGAAAAGAAAAGAAAAGAGCGAGCTGTGGTGGACAAAGTGTTCATCAAGGCTCTCACAGATC  
 CTAATAATATGGTCCCTAGAACATTTTGTAAAGAGACAGGGTACTTGATACTTATTGCTGTTATGCTGG  
 TATCTCGAACATACTGTGATGTTGGATGATTCAAATGGCACACTGATTGAAAGTGGCATCATTGGTGC  
 TAGCAGTAAAGATTTCAAGAGATACTTATTCAACTTCATCGTGCATGCCTCTTATCTCTCTGGTTAAT  
 AACTTCTGAAGTATGGGTTAAATGAGCTCAAAGTGTCTCCGTGTGGCTCACTAGATACTCTATG  
 AGGAGTATCTCCAAGCCTCACCTACTATAAATGGGCAACCTGGATAACAGAATAGCAAACCCAGACCA  
 GCTGCTTACACAAGATGTAGAAAAGTTTGTAAACAGTGTAGTTGATCTTTATTGCAATCTTAGTAAGCCA  
 TTTTGTAGACATAGTTTGTATATTTTCAAGTTAAACAAGTGAATTTGGAGCTCAGGGCCCGCAAGCATGA  
 TGGCCTACTTGCTGTTTCTGGGCTATTCTAACTCGACTCAGAAGACCCATCGGTAATAATGACGATTAT  
 GGAGCAGAAGTATGAAGGAGAATATAGATTCGTTAATTCACGGCTTATCACTAATAGTGAAGAAATTGCC  
 TTTTACAATGGGAATAACGAGAAAAGCAGACAATCCACTCTGTCTTCCGAAAACCTGGTGGAAACCTAC  
 ATAATTTCAATTTCTTCCGGTTTTCTATGGGTTTCATTGATAGCATCATTGCCAAATATATTGCCACTGT  
 AGTTGGGTACCTGGTGTGAGTCCCGCTTCTAGACCTGGCGCATCCGCGACACCTTACAGCACCCAC  
 TCAGAGCTGCTGGAGGATTACTACAAAGTGAAGAATGCTTTTGAGAATGTCTCAAGCTTTGGGGCGGA  
 TAGTTTTGGCTGGGCGTGAATGACTAGATTGGCTGGTTTTACGGCTCGGATTACGGAATTAATGCAAGT  
 ACTAAAGGATTTAAATCATGGCAAATATGAACGTACAATGGTGTCAACAACAGGATAAGGGTATTGAAGGA  
 GCACAAGCTAGTCCCTTGATACCTGGTGTGGAGAAATCATCAATGCAGACAACATTATAAAGTTTGATC  
 ATGTTCTTTAGCAACACCAAAATGGAGATATCTTGATCCAAGACCTTAGTTTTGAAGTTCGATCTGGGGC  
 CAACGTTCTCATTGTGGTCCAATGGCTGTGGAAAGAGCTCCCTCTTCCGTGTTCTTGGTGAATTATGG  
 CCTCTCTTTGGAGGACATCTTAAACCTGAGAGAGGAAAGTTATTTTATGTTCTCAGCGACCTATA  
 TGACCCTGGGAACACTGAGAGACCAAGTAATATATCCAGATGGAAAGGAGGATCAGAAGAAGAAGGGGAT  
 ATCTGACCAAGTGTGAAGGGTACTTGGACAATGTACAGTTGGCCATATCCTTGAGCGGGAAGGAGGC  
 TGGGACAGTGTTCAGGACTGGATGGATGTACTCAGCGGAGGAGAAAAACAAGAATGGCGATGGCAAGAT  
 TGTTTTATCATAAACCCAGTTTGCCATTCTGGATGAGTGACAAGTGCAGTTAGTGTGGATGTGGAAGA  
 CTACATTTACAGCCACTGTCCGAAGTTGGCATCACCTCTTCACTGTCTCACACAGGAAATCCCTTTGG  
 AAACACCACGAGTACTACCTGCACATGGATGGCAGAGGCAATTATGAATTCAAAAAGATCACAGAAGACA  
 CAGTTGAGTTCGGATCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**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\\_012804.1](#), [NP\\_036936.1](#)

**RefSeq Size:** 3324 bp

**RefSeq ORF:** 1980 bp

**Locus ID:** 25270

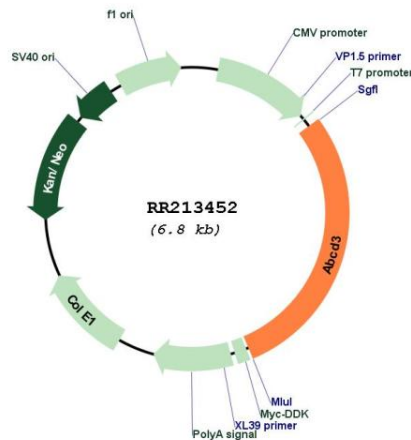
**UniProt ID:** [P16970](#)

**Cytogenetics:** 2q41

**MW:** 75.3 kDa

**Gene Summary:** may form an ATP binding channel; may play a role in active transport in peroxisomes [RGD, Feb 2006]

### Product images:



Circular map for RR213452