

## Product datasheet for RN206711

### Dab2ip (NM\_138710) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dab2ip (NM_138710) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dab2ip
Synonyms:	AIP-1; DIP1/2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206711 representing NM_138710 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGAGCCCGACTCCCTCCTGGACCCAGGGGACTCCTACGAGTCACCCCAAGAAAGGCCGGGCTCCCGGC  
GCAGCCTTCCCGGCAGCCTGTCAGAGAAAAGCCAGCATGGAGCCCTCGGCTGCAACCCGTTCCGGGT  
CACGGGCTTCTCAGCCGCCCTCAAGGGCTCCATCAAGCGCACCAAGGCCAGCCAAACTGGACCGC  
AACCCACAGCTTCCGCCACATCCTGCCGGGTTCGGAGCGCAGCCACCGCCCGCGGACAATGAGAGGT  
CCCATCTGATGCCAAGGCTGAAGGAATCTCGATCACACGAGTCCCTGCTCAGCCCCAGCAGCGCAGTGG  
GGCCCTGGACCTCAGCATGGAGGAGGAGGTGCTTATCAAGCCTGTTACAGCAGCATCCTGGGTCAGGAC  
TACTGCTTCGAGGTAACAACATCATCAGGAAGCAAGTGTTCCTCCTGCCGGTCAGCCGCTGAACGAGATA  
AGTGGATGGAGAACCTGAGGCGAGCAGTGCACCCCAACAAGGACAACAGCCGGCGTGTGGAGCACATCCT  
GAAGCTATGGGTGATTGAGGCCAAGGATCTGCCAGCCAAGAAGAAGTATCTGTGAACTGTGCCTGGAC  
GATGTACTGTATGCCGTACCACGGCAAGCTCAAGACGGACAATGTCTTCTGGGAGAGCACTTTGAGT  
TCCACAACCTGCCGCCCTGCGCACAGTCACTGTCCACCTGTACCGGAAACTGACAAGAAGAAGAAAA  
GGAACGCAACAGTACCTGGGCCTGGTGAAGCCTGCCTGCCGCTCGGTGGCTGGGCGGAGTTTGTGGAG  
AAGTGGTACCCAGTGGTACACCTAATCCCAAGGGTGGCAAGGCCCTGGGCCATGATCCGAATCAAGG  
CACGCTACCAGACCATCACCATCTTGCCATGAGAGATGTACAAGGAGTTTGTGAGCACATCACTAACCA  
CTACCTGGGGCTGTGTGCAGCCCTTGAGCCATCCTCAGTGCCAAGACCAAGGAGGAGATGGCGTCGGCT  
CTGGTGACATCCTGCAGAGCACAGGCAAGGTGAAGGACTTTCTAACAGACCTGATGATGCAGAGGTGG  
ACCGCTGTGGGACAATGAGCACCTCATCTCCGGGAGAACACATTGGCCACCAAGGCCATCGAAGAATA  
CCTCAAACCTCGTGGCCAGAAGTACCTGCAGGACGCACTAGGTGAGTTCATCAAAGCCCTGTATGAGTCA  
GACGAAAATTGTGAAGTGGACCCAGTAAGTGCTCAGCCGCCGACCTCCCGAGCACAGGGCAACCTCA  
AGATGTGTGTGAGCTGGCCTTCTGCAAGATCATCAACTCTACTGTGTCTTCCCTCGGGAACCTAAAGA  
GGTGTTCGCCCTATGGCGGAGGAGTGTAGCAGCCGCGCCGGCCTGATATCAGTGAACGACTCATTAGC  
GCCTCCCTCTTCTCGCTTCTGTGCCCTGCCATCATGTCCGCTCGCTTCAACCTGCTTCAGGAGT



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ATCCTGACGACCGCACAGCTCGCACCTCACGCTCATCGCCAAAGTTACCCAGAACCTGGCCAACTTTGC  
 CAAGTTTGGCAGCAAAGAGGAATACATGTATTTCATGAACCAGTTCTGGAGCACGAGTGGACCAACATG  
 CAGCGCTTCTGTTGGAGATCTCCAACCCTGAGACCCTTTCTAACACAGCAGGCTTCGAGGGCTACATAG  
 ACCTGGGCGGGAGCTCTAGCTTACACTCTCTGCTCTGGGAAGCTGTCCAGCCAGCTTGATCAGAGCAT  
 TGTATCCAAGCTGGGACCCCTGCCTCGTATCCTGAGGGATGTCCACACAGCACTGAGCACTCCAGGCAGT  
 GGGCAGCTCCCTGGACCAATGACCTGGCTCCACACCAGGCTCTGGCAGCAGCAGTGTCTCAGCTGGGC  
 TTCAGAAGATGGTGATTGAGAATGATCTCTGGTCTGATAGATTTACCCCGTTACCGTCTCCAACCCC  
 CGAAAACAAGGACTTGTGTTTTGTGACAAAGTCTCCGGGGTCCAGCCTTACCTGCCCGCAGCTCAAGC  
 TACTCAGAAGCCAACGAGCCTGACCTGCAGATGGCCAACGGCAGCAAGAGCCTGTCCATGGTGGACCTCC  
 AGGACGCCCGCACACTGGATGGGAGGCAGGTTCCCCAGTGGGCCCGAAGCCCTCCCTGCTGACGGGCA  
 GGTACTCTGCAACTCAGCTGGTGGCTGGGTGGCCAGCCCGGCAGCCCGAGTGGCCTGGCAGGATTGGCC  
 ACAGTGCAGCGGGCAGTGCCAACACCAACCACACCAGGCACCTCCGAGGGTGCACCAGGCCCGCCTCAGT  
 TGTTGGCCCTCTCTCCTCCAGAATCCCGTGTACCAGATGGCTGCTGGCCTGCCACTGTACCCCGTGG  
 CCTTGGTGACTCAGGCTCTGAGGGCCACAGCTCCCTGAGCTCTCACAGCAATAGTGAAGAGCTGGCAGCC  
 GCTGCCAAACTAGGAAGTTTTAGCACTGCTGCTGAGGAGCTGGCAGGGCGCCTGGTGGAGCTGGCAGGA  
 GGAGATGTCACTGACTGAGAAGGGTGGTCAGCCAACAGTGCAGGCAAAATAGTGCAGGTCCCCAGCG  
 GAGGATTGACCAGCCTCCACCGCCGCCACCGCCACCCTCTGCCCGGGGAGGACACCTCCCTACC  
 ATGCTGAGCACCTACAATACCCACGACCTCAAGTGGAAACCCTGGCATCAGCATCACCTGACTGGGCTG  
 GCCCTGGCACCCGGCTGCGGCAACAGTCTCTCTTCCAAGGGAGACAGCCAGAGCTGAAGCCCCGCGC  
 CTTGCATAAGCAGGGCCCTTCGCCCGTCACTCCAATGCCCTGGACCGCACGGCCGCTTGGCTCTTGACC  
 ATGAACCGCAGTTGTTAGAAGACGAGGGTCTGGGCCAGATCCCCCACAGGGATAGGCTAAGGAGTA  
 AGGAGGAGCTCAGCCAAGCAGAAAAGGATCTGGCGGTGCTGCAAGACAAGCTGCGGATCTCCACCAAGAA  
 GCTGGAGGAGTACGAGACCCTGTTCAAGTGCAGGAGGAGACGACGAGCAAGCTGGTGTGAGTACCAG  
 GCTCGGCTGGAGGAGGGCAGGAGCGGCTGCGGGCAGCAGGAAGACAAGGACGTCCAGATGAAGGGCA  
 TCATCAGCAGTTGATGTCTGTGGAGGAGAACTGAAGAAGGATCACGCTGAGATGCAAGCGGCCGTAGA  
 CTCCAACAGAAGATCATCGATGCCAGGAAAAGCGCATTGCCTCGTGGACGCTGCCAATGCCCGCCTC  
 ATGAGTGCCTCACACAGCTGAAAGAGAGGTACAGCATGCGAGCCGTAACGGCGTCTCCCCACCAACC  
 CCACCAAATTGCAGATTACTGAGAACGGCGAGTTCAGAAAACAGCAGCAATTGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_138710

**Insert Size:**

3486 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\\_138710.3](#), [NP\\_619724.3](#)

**RefSeq Size:** 6508 bp

**RefSeq ORF:** 3486 bp

**Locus ID:** 192126

**UniProt ID:** [Q6P730](#)

**Cytogenetics:** 3p11

**Gene Summary:** GTPase-activating protein; binds the N-terminal domain of DOC-2/DAB2 [RGD, Feb 2006]