

## Product datasheet for **RN205730**

### **Dab2 (NM\_024159) Rat Untagged Clone**

#### **Product data:**

|                    |                                     |
|--------------------|-------------------------------------|
| Product Type:      | Expression Plasmids                 |
| Product Name:      | Dab2 (NM_024159) Rat Untagged Clone |
| Tag:               | Tag Free                            |
| Symbol:            | Dab2                                |
| Synonyms:          | Doc-2; Doc2                         |
| Vector:            | pCMV6-Entry (PS100001)              |
| E. coli Selection: | Kanamycin (25 ug/mL)                |
| Cell Selection:    | Neomycin                            |



[View online »](#)

**Fully Sequenced ORF:** >RN205730 representing NM\_024159  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCTAACGAAGTAGAAAACAAGCACAAACCAATGGTCAGCCTGACCAACAGGCTGCACCGAAAGCACCAT  
 CAAAGAAGGAAAAGAAGAAAGGTTCTGAAAAGACAGATGAGTATCTGTTGGCCAGGTTCAAAGGTGATGG  
 TGTAATAATACAAGGCCAAGCTAATCGGTATTGATGATGTGCCTGATGCGAGGGGAGACAAAATGAGTCAG  
 GATTCTATGATGAAACTCAAGGGAATGGCAGCAGCTGGTCGCTCTCAGGGACAGCACAAGCAAAGGATCT  
 GGGTCAACATTTCCCTGTCTGGCATAAAAATTATTGATGAGAAAACCGGGGTAATAGAGCATGAACATCC  
 AGTAAATAAGATTTCTTCATTGCTCGTATGTGACAGACAATAGAGCATTGGTTATGTGTGGAGGA  
 GAAGGCCAGCATCAATTTTTGCTATAAAAACAGGGCAACAGGCTGAACCATTAGTCGTCGATCTTAAAG  
 ACCTTTTTCAAGTTATCTATAATGTAAGAAAAAGGAAGAAGAAAAGAAAAGGTTGAAGAAGCCAACAA  
 AGCGGAAGAGAATGGGAGTGAGGCCCTAATGACCCTTGATGATCAAGCTAACAACTGAAGCTGGGTGTT  
 GACCAGATGGATTTGTTGGGGACATGTCTACCTCCTGACCTAAATAATCCAACAGAAAAGCAGAGATA  
 TCCTGTTAGTGGATCTAAACTCTGAAATCGACACCAATCAGAACTCTTTAAGAGAAAATCCATTCTTAAAC  
 AAATGGAGTCACCTCCTGTTCTCTCCCTCGACCAAAGCCTCAGGCATCCTTCTTGCCGTAAGTGCCTTT  
 TCTGCCAATCTCAACTCTTTCCACCCCTAATCCTGATCCTTTCCGTGATGATCCTTTCCGACAGCCAG  
 ACCAATCGGCACCTCTTCGTTTCATTCTCAGATCTGAGATCAGAAAGGGAATCCGGGTAGCTT  
 GTCTACTCCACAGAGTAAAGGGCCCTTGAACGGTGATACTGATTACTTTGGTCAGCAATTTGACCAGATC  
 TCTAACCGGACTGGCAAACAGGAAGCTCAGGGAGGCCATGGCCCTATCCAAGTTCGAAACCCAGCAAG  
 CAGTGAGAACTCAAATGGGGTATCTGAAAAAGAACAGAACGGCTTCCATATCAAATCTTCCCGAACCC  
 TTTTGTGGGAAGCCCTCCCAAAGGACTATCGGTACCGAATGGCGTAAAGCAGGACTTGGAAAGCTCTGTC  
 CAGTCCTCAGCGCATGACTCCATAGCCATTATCCACCTCCACAAAGTACCAAACAGGAAGAGGCAGGA  
 GGACCGCTAAGTCTCAGCAAACGACCTGCTTGCCTCAGATATCTTGCCTCAGAACCTCCAGGCCAGAT  
 GTCCCCACAGGACAACCTGCAGTCCCACAGGCGAACTTTATGGATCTCTTCAAACCCAGTCTCCTGCC  
 CCAATGGGGTCCGGGCCCTCGTAGGTCTAGGTACTGTCCAGTAACACCCCCCAAGCAGGACCTTGG  
 CACCTGTTGTCTTCACTCCTTACAACGTGGTCCCAGGAGCCATAATAAGTGGCCAGCCTTCCGGTTT  
 TGGTCAGCCACTCGTCTTTGGTACAACCCAGCAGTGAAGTTTGAATCAGCCTTCATCATTTGCAACT  
 GCAGTTCCTCCACCCCGGAGTTTGGTGTCTACCACATCTGTGGCACCAACACTTGGTCATCCA  
 CAAGTCCCTGGGAATCCTTTTCAGAGTAGTAATATCTTCCACCTTCCACCATATCCACTCAGTCCTT  
 TCCTCAGCCTATGATGTCCTCTGTTCTGGTCACACCTCCCAACCACTCCCGAAATGGCCCACTAAAG  
 GACACTCTTAGTGATGCCTTCACTGGCTTAGACCCACTTGGGGATAAAGAGGTCAAGGAAGTAAAGAAA  
 TGTTTAAAGGACTTCCAGCTGCGGCAGCCACCTCTGTACCCTCGAGGAAGGGGGAGACACCTTCTCTGG  
 GACCTCAAGCGCCTTCTCCAGTACTTCAACAATAAAGTTGGCATTCTCAGGAGCATGTAGACCATGAT  
 GATTTTGTATGCCAATCAACTGTTGAACAAGATTAATGAACCACCAAGCCAGCCCCAGACAAGGTGCC  
 TCTCGGTACCAAATCTGCTGACAATCACTCGAGAACCCTTTCTCTAAAGGGTTCAGCTCAACAAACCC  
 CTCGGTGGTCTCTCAGCCTGCATCTTCTGATGCCACAGGAGCCCTTTTGAAATCCTTTTGCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_024159  
**Insert Size:** 2307 bp

|                               |   |
|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <a href="#">NM_024159.1</a> , <a href="#">NP_077073.1</a>   |
| <b>RefSeq Size:</b>           | 3170 bp   |
| <b>RefSeq ORF:</b>            | 2307 bp   |
| <b>Locus ID:</b>              | 79128   |
| <b>UniProt ID:</b>            | <a href="#">O88797</a>  |
| <b>Cytogenetics:</b>          | 2q16  |
| <b>Gene Summary:</b>          | p59 isoform inhibits growth in prostatic epithelial cells [RGD, Feb 2006]   |