

## Product datasheet for **RR202584**

### **Dab1 (NM\_153621) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dab1 (NM_153621) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dab1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR202584 representing NM\_153621  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCAACTGAGACAGAACTTCAAGTAGCTGTGAAAACCAGCGCCAAGAAAGACTCCAGGAAGAAGGTC  
 AGGATCGCAGCGAAGCCACTTTGATAAAGAGGTTTAAAGCGAAGGGTCCGGTACAAAGCCAAGCTGAT  
 TGGGATCGATGAAGTGTCCGCAGCTCGGGGAGACAAGTTATGTCAAGATTCATGATGAAGCTCAAGGGT  
 GTTGTGCTGGCGCTCGTTCAAAGGAGAACACAAACAGAAAATCTTTTTAACCATCTCCTTTGGAGGAA  
 TCAAGATCTTTGATGAGAAGACCGGGCCCTTCAGCATCACCATGCTGTTACGAAATTTCTACATTGC  
 GAAGGACATCACAGATCACCGGGCTTTTGGATACGTTTGTGGGAAGGAAGGAATCACAGATTTGTGGCC  
 ATCAAACAGCCAGCGGCTGAGCCCGTTATCCTGGACTTGAGAGATCTCTTCAACTCATCTATGAGC  
 TGAAGCAAAGAGAAGAATTGAAAAAAGGCACAGAAGGATAAGCAGTGTGAACAAGCCGTGTACCAGAC  
 CATTTTGAAGAGGATGTTGAAGATCCCGTGTACCAGTACATTGTGTTTGAAGGCTGGACATGAGCCAATC  
 CGTGATCTGAAACAGAAGAAAACATTTACCAGGTTCCACCAGCCAAAAGAAAGGAGGTTTATGATG  
 TGCCAAAAGTCAACCTGTAAGTGTGTGACCCAACTAGAACTTTTTGGAGACATGTCCACCCCTCCTGA  
 TATAACCTCTCCCCACTCCTGCAACCCAGGTGATGCCTTTCTCCCGCGCCATCCCAGACACTTCCG  
 GGGAGTGAGATGTGTTTGGCTCTATGTCTTTGGCACTGCTGTACCTCAGGTTATGTGCTATGG  
 GCGCCGTCTCCCATCCTTCTGGGGCCAGCAGCCCTTGTTCACAGCAGATCGCCATGGGTGCTCAGCC  
 ACCCGTTGCTCAGGTGATACCAGGAGCTCAGCCATCGCATGGGGCCAGCCAGGTCTCTTTCCTGCAACC  
 CAGCAACCCTGGCAACTGTGGCCGGCAGTTCGCCAGCCGCTTTCATGCCACACAACTGTTATGC  
 CTTTACCAGTGCCATGTTCCAAGTCCCCTCACCCCTTGAACCGTCCAGGCAAGGAACTGCTGTC  
 CAGGTCAAAGTCCACAGAGTGACAAGCCAGGCAGAAAATGGGGAAGGAAATGTTTAAAGGATTTCCAGATG  
 GCCAACCTCCACCCGTACCCTCCGAAAACCTGACCAGCCCTCCTGACCTGTACCTCAGAGGCCCTTCT  
 CCAGTTACTTCAACAAAGTCGGGGTGGCACAGGATACAGACGACTGTGATGACTTTGACATCTCCCAATT  
 GAACCTGACCCCTGTGACTTCTACCACACCATCTACCACTCACCTCCAACCCCGGCCCTTAGGCAGAGC  
 TCTCCATCCAATCATCAGTTCACACGTCAGTGATCCGACCGCAGATGACATCTTTGAAGAAGGCTTTG  
 AAAGTCCAGCAAGAGTGAAGAACAAGAAGCTCCTGATGGATCACAGGCCTCTCCACCAGTATCCATT  
 TGGGGAGCCAGTGGTGAAGCCAGTGGTATAATAAGTCCACAAGACGGTAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR202584 representing NM\_153621  
 Red=Cloning site Green=Tags(s)

MSTETELQVAVKTSAKKDSRKKQDRSEATLIKRFKGEVRYKAKLIGIDEVSAARGDKLCQDSMMKLG  
 VVAGARSKGEHKQKIFLTI SFGGIKIFDEKTAGLQHHHAVHEISYIAKDITDHRAFGYVCGKEGNHRFVA  
 IKTAQAAEPVILDLRDLFQLIYELKQRELEKKAQKDKQCEQAVYQTI LEEDVEDVPVYQYIVFEAGHEPI  
 RDPETEENIYQVPTSQKKEGVYDVPKSPVSAVTQLELFGDMSTPPDITSPPTPATPGDAFLPAPSQTL P  
 GSADVFGSMSFGTAAVPSGVYVAMGAVLPSFWGQPLVQQQIAMGAQPPVAQVIPGAQPIAWGQPLFPAT  
 QQPWPTVAGQFPFAAFMPTQTMPLPAAMFQGPLTPLATVPGTND SARSSPQSDKPRQKMGKEMFKDFQM  
 AQPPPVP SRKPDQPSL TCTSEAFSSYFNKVGVAQD DDCDDFDISQLNL TPVTSTPSTNSPPTPAPRQS  
 SPSKSSASHVSDPTADDIFEEGFESPSKSEEQEAPDGSQASSTSDPFGEPSGEPGSDNISPQDGS

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_153621

**ORF Size:** 1665 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_153621.1](#), [NP\\_705885.1](#)

**RefSeq Size:** 1668 bp

**RefSeq ORF:** 1668 bp

**Locus ID:** 266729

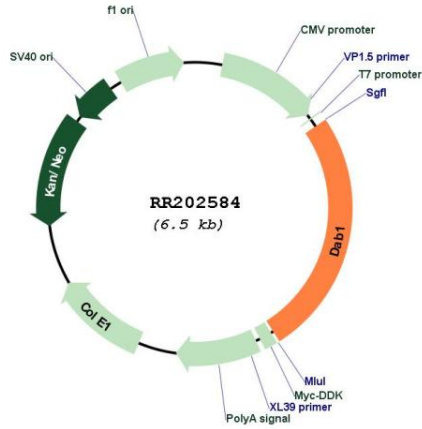
**UniProt ID:** [Q8CJH2](#)

**Cytogenetics:** 5q33-q34

**MW:** 59.9 kDa

**Gene Summary:** Adapter molecule functioning in neural development. May regulate SIAH1 activity. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RR202584