

Product datasheet for **RR215031**

Dbh (NM_013158) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dbh (NM_013158) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dbh
Synonyms:	DOPBHY
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RR215031 representing NM_013158
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCAGCCTCACCTCAGCCACCAGCCTTGTCTGGAGCCTCCCAGCCCCAGCGTCCGTGAGGCGGCTTCCA
TGTATGGCACTGCTGTGGCCATCTTCTGGTCATCCTGGTGGCTGCACTGCAGGGCTCGGAGCCTCCGGA
GAGCCCCCTCCCTTACCACATCCCCCTGGACCCTGAAGGGACTTTAGAGCTCTCGTGGAACGTCAGCTAT
GACCAGGAGATCATCCACTTCCAGCTCCAGGTGCAAGGGCCGAGGGCTGGGGTCTGTTCCGGAATGTCGG
ATCGAGGTGAGATGGAGAACGCAGACCTCGTCATGCTCTGGACTGACGGGGACAGGACCTACTTTGCGGA
CGCCTGGAGTGACCAGAAAGGGCAGATCCATCTGGATACCCATCAGGACTACCAGCTGCTCCAGGCACAG
AGGGTGTCAAACAGCCTATCCCTGCTCTTCAAGAGGCCCTTTGTCACCTGCGACCCCAAGGATTATGTCA
TTGAGGATGACTGTCCATCTAGTGTATGGGATCCTGGAGGAGCCATTCCAGTCCCTGGAGGCCATCAA
CACCTCAGGCCTACATACGGGACTACAGCAGGTGCAGTCTTGAAGCCTGAGGTCTCCACTCCAGCCATG
CCTGCGGATGTACAAACCATGGATATCCGGGCTCCTGACGTCCTATCCCCAGCACTGAGACCACATACT
GGTGCTATATCACTGAGCTACCCCTACACTTCCCCGACACCACATCATCATGTATGAGGCCATTGTCCAC
GGAGGGCAATGAGGCCCTGGTGCACCACATGGAGGTCTTCCAATGTACAAATGAGTCTGAGGCCCTCCCC
ATGTTCAACGGACCCTGCGACTCCAAGATGAAACCTGACAGACTCAACTACTGTCCGCCACGTGCTGGCGG
CATGGGCCTGGGCGCAAGGCATTTTACTACCCAGAAGAAGCCGGTGTCCCTTTGGGGAGCTCAGGATC
CTCCCGTTTCTCCGACTGGAAGTTCATTACCACAATCCACGGAATATAACAAGGCCGGCGGACTCCTCT
GGCATCCGTCTACACTACACAGCTAGTCTCCGACCCAATGAGGCAGGCATCATGGAGCTTGGACTGGTGT
ACACGCCCTTGATGGCCATCCCCCTCAGGAGACCACCTTTGTTTTGACTGGCTACTGCACAGACAGGTG
CACCCAGATGGCACTGCCGAAATCTGGAATCCGCATCTTTGCCTCACAGCTCCACACGCACCTGACCGGC
AGGAAGGTGATTACTGTGCTCGCCAGGGATGGCCAACAGAGGGAAGTGGTGAACAGAGACAACCACTACA
GCCCCCACTTTCAGGAGATCAGAATGCTGAAGAATGCTGTGACTGTCCACCAGGGGGATGTCTCATCAC
TTCGTGCACATACAACACAGAAAACAGGACAATGGCCACAGTGGGGGGTTTGAATCTTGGAGGAGATG
TGCGTCAACTACGTCCACTACTACCCAAAACAGAGCTGGAGCTCTGCAAGAGTGCCGTGGATGATGGCT
TCCTGCAGAAATACTTCCACATAGTAAACCGTTCGGCAATGAGGAGGTCTGCACCTGCCCTCAGGCCTC
TGTCGCCAGCAGTTCGCTCTGTGCCCTGGAACCTTTTCAATCGTGATATGCTCAAGGCTTTGTATAAC
TATGCCCTATCTCTGTGCACTGTAACAAGACCTCTGCCGTCCGCTTCCCGGTAACCTGGAACCTGCAGC
CTCTGCCTAAGATCACTTCCGCAGTGGAAGAACCAGCCACGCTGCCCATCCGACAGACTCGGGGACC
CGCCGGCCCTTCGTTGTATCACCACGGAGGCAGACACTGAGCGCCGGCCCTTCGTTGTATCACCAC
GGAGGCAGACACTGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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 Size: 2250 bp

RefSeq ORF: 1866 bp

Locus ID: 25699

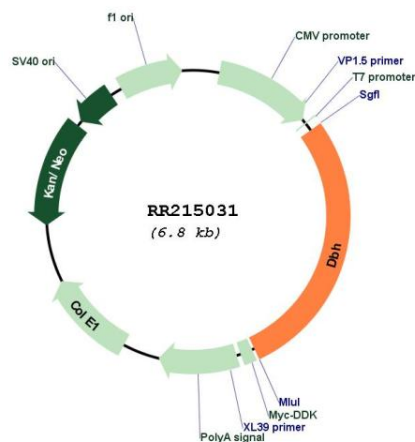
UniProt ID: [Q05754](#)

Cytogenetics: 3p12

MW: 70 kDa

Gene Summary: oxidoreductase that catalyzes the conversion of 3,4 dihydroxyphenethylamine, ascorbate, and O(2) to noradrenaline, dehydroascorbate, and H(2) in norephinephrine biosynthesis [RGD, Feb 2006]

Product images:



Circular map for RR215031