

## Product datasheet for **RN217080**

### **Dbf4 (NM\_001191748) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dbf4 (NM_001191748) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dbf4
Synonyms:	RGD1305854
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217080 representing NM\_001191748  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAACCTCGAGACCATGAGGATCCACAGCAAAGCACCTCTCCCTGGTGGCATCCAAGACAAAAATGAAA  
 AGAATAGACCATCTTTGAAATCCCTGAAAGCTGATAATAGACTGGAAAAATCCAAATATAAGCCGTTTG  
 GGGAAAAATTTTACCTTGACTTGCCCTCTATCACCATATGTGAAAACTCCAAAAAGACATAAAGGAA  
 CTTGGAGGGCGAGTTGAAGAATTTCTCAGCAAAGATATCAGTTATCTTGTTCAAATAAAAAAGGAAGCAA  
 AGTATGCACAAACGTTGGGTCGAGTTTCTCCTGTACCAAGTCCGGAATCTGCATATACTGCGGAAACAC  
 CTCCCCTCATCCCAGCCATGATGGAAGCTCCTTAAGTCTCAAGACAGAGTGTGTTTGAGCCGAGGAAAG  
 TTGTTAGCTGAGAAAGCTGTCAAGGATCATGATTTTATTCCTGCTAATAGTATATTATCAAACGCCTTAT  
 CATGGGGAGTAAAGATTCTTCATATTGATGACATTCGCTACTACATTGAACAGAAGAAGAAAGCTTTGGG  
 TGCACTCAAGAAACCAAATACTTCTGGGAGGGATTCTGGGAAAAAAGCTGGTACTGGAATACAAAAAGCA  
 AGAACAGGGAGACTCAAGAAGCCGTTTTTAAAGGTTGAAGATGTGAACCGGACTTACAAGCCATTTTACC  
 TTCAGCTCCCCAGTATGCCTTGATAAACTACTTCCTTCAGAAGCCTTGCACTCCGTTTGATATCGATAA  
 GTCATCTAGCATGCAGAAACACACTCAGCCTAACTCAAATTAATACGGATGGCGATAAATATGGAACC  
 CCAGCTCAAGTCCAGTTGAAGGAAAAGAGAAAAAAGGATATTGTGAATGTTGCTTGCGAGAAATATGAAG  
 ATCTTGAAACTCACCTTCTGAGTGAGAAACACAGGAACCTTGCACAGAGTAAACAGTATCAAGTTGTTGA  
 CGATATTGTATCTAAGTTAATTTTTGATTTTGTGGAATATGAAAGAGACACACCTAAAAAGAAAAGAATA  
 AGATACAGTGTGGATCCCTGTCTTCTGTTTCTGCAAGTGTCTGCAAAACACTGAACCAAGGGAGAAGC  
 TACTGTTGGAGCCAGTTTCCAGAAAGATGGAGAAGAAAGCAATGGACAACCTGCTCGAGCAGAATTTACA  
 ATGTGAAGAAACCCAGAAACCTGAAGAAAAGCATGTGTTTGGTTTTCAGAACCACAACTATTCTTCAACT  
 GGATTTAAAGGATGTGTTGGGAAACAGTGAAGCCTGATAAATGCAAGTGAGCCTGACTTGAAGCCGGATT  
 GTGAACAGCTCCCTCTGCGTGACAATAAGCAGGAGGGCATGCGTGTGGTTCTGAACATAAAAAAAGTGT  
 AGATAGAAAGGATGTAGACCAGAGAGGAGGCGTCACTCCATGTGTGCCACAGTATGTACCTATTTTCAAGT  
 ACGGACAGTAACTACCCCAACCAAGTAACTGCAGACATTACACAGTTTTTCAAGCACAAGATCTGCAAG  
 AAAAGGACCTTCATGTGATTGGTCATGATTCTGAGCTGGTGAATTCATCAAGAGAGCAGCTAAC  
 AGTGAAGGCCAGACCTCCACCCTGTAGTCTCAGGAGCCTCATGAGGGTACAGTGAAGCATATGGAGAGT  
 CTGCCTTGTGGTAAAATCCAGCGGAAAGTGAAGTGTATTAGGGCAAAAGAAAGCAATGTGGAACCTG  
 TGCCGAATGGGATAAGAACAGAACTGAGTATCTTCTGACATGGAGACAGAAGTGTGGGTCAACAGT  
 ACAGTCTCTGTTGGACCTTTTTTCAAGACAAGCGGGAGAAATCAGAATTTTTGGGTTTTACAGCTCACT  
 GAAAACAGTGGAACTGTGTGATGTTTTAGATATTTGGGAGGAAGACAATTCAGTAGCCTGTTGTCAACAT  
 TTTTTTCTTCCCCTTCAACTTCTGCATTTGTTGGATTT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001191748

**Insert Size:** 2001 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

<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>	<u>NM_001191748.1, NP_001178677.1</u>
<b>RefSeq Size:</b>	2263 bp
<b>RefSeq ORF:</b>	2001 bp
<b>Locus ID:</b>	312046
<b>Cytogenetics:</b>	4q12