

## Product datasheet for **MC200792**

### **Dpf2 (NM\_011262) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dpf2 (NM_011262) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpf2
Synonyms:	2210010M07Rik; BAF45D; Req; ubi-d4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC012709 sequence for NM\_011262  
 CCACGCGTCCGGGGAGAGGAACAGGGAAGATGGCGGCTGTGGTGGAGAATGTAGTGAAGCTCCTTGGCGA  
 GCAATACTACAAAGATGCCATGGAACAGTGCCACAATTATAACGCCCGCCTCTGTGCTGAACGTAGTGTG  
 CGCCTGCCTTTCTGGACTCACAGACTGGAGTAGCCCAGAGCAATTGTTATATCTGGATGGAAAAGCGAC  
 ACCGGGGACCAGGATTGGCCTCTGGACAGTTATACTCCTATCCTGCCAGACGCTGGCGGAAAAAGCGCCG  
 AGCCCACCCACCTGAGGATCCCAGGCTTTCTTTCCCATCGATTAACCAGACACTGACCAGACTCTGAAG  
 AAAGAGGGGCTTATCTCTCAGGATGGCAGCAGTTAGAGGCTCTGTTGCGTACTGATCCCCTGGAGAAAC  
 GGGGTGCCCCAGATCCCCGAGTTGACGATGACAGCCTGGGCGAGTTTCTGTTAGCAACAGTCGAGCAGC  
 GAAGCGGATCATTGAACCCGATGACTTCCTTGATGACCTTGATGATGAGGACTATGAAGAAGATACGCCA  
 AAGCGTCGGGGGAAGGGGAAGTCCAAGAGTAAGGGTGTGAGCAGTGCCCGGAAGAAGCTGGATGCTTCCA  
 TCCTGGAGGACCGGGATAAGCCCTATGCCTGTGACATTTGTGAAAACGTTACAAGAACCAGCTGGCCT  
 CAGTTACCACTATGCCACTCCCACCTGGCTGAAGAGGAAGGAGAGGACAAAGAAGACTCCCAGCCCCC  
 ACTCCTGTGTCCAGAGGTCTGAGGAGCAGAAATCCAAGAAGGACCTGATGGATTGGCCCTGCCTAACA  
 ACTACTGTGACTTCTGCCTAGGAGACTCAAAAATCAACAAGAAGACAGGGCAGCCCGAGGAGCTAGTGT  
 CTGTTCCGACTGTGGCCGCTCAGGGCATCCGTCCTGCCTGCAGTTACCCCTGTGATGATGGCGGCCGTG  
 AAGACCTACCGCTGGCAGTGCATCGAATGCAAGTCTGCAACCTCTGCGGCACGTCGGAGAACGACGACC  
 AGCTACTTTTCTGTGATGACTGTGACCGTGGCTACCACATGTAAGTGTCTCACTCCTTCCATGTCTGAGCC  
 TCCTGAAGGAAGTTGGAGTTGCCACCTGTGCTGGATCTGCTGAAGGAGAAAGCATCCATCTACCAGAAC  
 CAGAACTCCTCCTGATGTGCCACCCAGCTCCCCTGCATCTAAGGCCGTTGCTCTCCTCTCTACCTTGGTT  
 TCCATTGCCCCCTCTCCTCTTTCACTCTGTAGTCTGCCAACCTCCGTTGGCAACAGCAGAGGGAGGTG  
 GCAGCTCTGACTGCCTCTAGCCCCGAGCCCTCAGGGAGTAAGGAGCAGCGTGCTGCTCCAGGGCTGACCT  
 GTGGTCCAACCTCTCTGCTCTCCAAGAAGTGCATTTCACTCTGCCTGCCTTGGGCCTAAGACCCCTGGT  
 GATTACAGGGCTCAAATGGGGTCTCTGAGAAGGAATATGAGAGCAGCTCACTTGTCTCAAGCCTTGCCC  
 ACCCCTCTTCCCCAAACCCCTTTGGTTTCCAGGGTTTTGCCCCAGAGATGAGCCAGGCTGGGCCTTTC  
 CTGGAAGCAGCTGGAGTGAGCTGGCTGAGTGGCACTTGCCAGGACCTTTTCATACCCTAGTTCTGCTTCC  
 CTTTGCCTCCTGCCAAAGCAGTCCCCTGTCTCTGTGCTACATGGGGTTCTGTGCTTGAAGTGAAT  
 GTTCTCGGGCACCTCCTGGCTCTGCCCTGTCCCACAAAGGGACGAGCAGCTTCAAACCTGTCTCCTGT  
 GCTTGGTGGCTTGTGCTCACAGGTGCGCTCTGGCTACCCAGACATTTCTATCCTCAGAACTCCCATCTTC  
 TGCCCCATCCTTAGTCCCTTTGCTTTTGTAGGGCGAGGGATAGTGTGAGGGCTGGGCCAGCAGCTTGG  
 GGGCCACAGGGAGAAGTTGGATAATGTGCCTGTTTTTAACTCGATAAAAAAGCCTACCTCCAAAATTCC  
 CTTTTTGTCTTCTGAACCTGGGCATTAGCCTCCTGTCTTAACTAAATTAGGAGCCTCTGCCTCCTG  
 CCTGTGATCCTGGCTCCAGGACACAGGATGGTCCCCTTTCCTTGACGCTAGCTAGTAGCTGGTAAGG  
 TCTTACACCCCTGAGTTTTCTGTTTCTGCTTAGTGGCACTGACATTAAGTAGGAGGGGACAGTCTCTG  
 CAGTACTTAGAGAGTGGGCTTCCCCTTGGCTGTGGGACAGGCCCTAACTGTTTTCTGCAAAGTTGAGGG  
 CCCCCCTCGCATATTTAGTTCCTGTATTCAAACATTAGTAAAAATAAACATTTTTACAGAGTCTTCTG  
 CTGGAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_011262

**Insert Size:** 1176 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:** [BC012709](#), [AAH12709](#)

**RefSeq Size:** 2399 bp

**RefSeq ORF:** 1176 bp

**Locus ID:** 19708

**UniProt ID:** [Q61103](#)

**Cytogenetics:** 19 4.34 cM

**Gene Summary:** Plays an active role in transcriptional regulation by binding modified histones H3 and H4. Is a negative regulator of myeloid differentiation of hematopoietic progenitor cells (By similarity). Might also have a role in the development and maturation of lymphoid cells (PubMed:7961935). Involved in the regulation of non-canonical NF-kappa-B pathway (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.