

Product datasheet for **MC227531**

Dpf2 (NM_001291078) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dpf2 (NM_001291078) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dpf2
Synonyms: 2210010M07Rik; BAF45D; Req; ubi-d4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227531 representing NM_001291078
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCTGTGGTGGAGAATGTAGTGAAGCTCCTTGGCGAGCAATACTACAAGATGCCATGGAACAGT
 GCCACAATTATAACGCCCGCCTCTGTGCTGAACGTAGTGTGCGCCTGCCTTCTGGACTCACAGACTGG
 AGTAGCCAGAGCAATTGTTATATCTGGATGAAAAGCGACACCCGGGACCAGGATTGGCCTCTGGACAG
 TTATACTCCTATCCTGCCAGACGCTGGCGGAAAAAGCGCCGAGCCACCCACCTGAGGATCCCAGGCTTT
 CTTTCCATCGATTAAACCAGACACTGACCAGACTCTGAAGAAAGAGGGCTTATCTCTCAGGATGGCAG
 CAGTTTAGAGGCTCTGTTGCGTACTGATCCCTGGAGAAACGGGGTGCCCCAGATCCCCGAGTTGACGAT
 GACAGCCTGGGCGAGTTTCTGTTAGCAACAGTCGAGCACGGAAGCGGATCATTGAACCCGATGACTTCC
 TTGATGACCTTGATGATGAGGACTATGAAGAAGATACGCCAAAGCGTCGGGGGAAGGGGAAGTCCAAGAG
 TAAGGGTGTGAGCAGTGCCCGAAGAAGCTGGATGCTTCCATCCTGGAGGACCGGATAAGCCCTATGCC
 TGTGACAATAGTTTCAAACAAAAGCATACTCGAAAGCGCCCCAGAGAGTTTGTGGAAAACGTTACAAGA
 ACCGACCTGGCCTCAGTTACCACTATGCCCACTCCCACCTGGCTGAAGAGGAAGGACAAAGAA
 CTCCCGACCCCACTCCTGTGTCCCAGAGGTCTGAGGAGCAGAAATCCAAGAAAGGACCTGATGGATTG
 GCCCTGCCTAACAACTACTGTGACTTCTGCCTAGGAGACTCAAAAATCAACAAGAAGACAGGGCAGCCCG
 AGGAGCTAGTGTCTGTTCCGACTGTGGCCGCTCAGGGCATCCGTCTGCCTGCAGTTACCCCTGTGAT
 GATGGCGGCCGTGAAGACCTACCGCTGGCAGTGCATCGAATGCAAGTGTGCAACCTCTGCGGCACGTGC
 GAGAACGATGACCAGCTACTTTTCTGTGATGACTGTGACCGTGGCTACCACATGTACTGTCTCACTCCTT
 CCATGTCTGAGCCTCTGAAGGAAGTTGGAGTTGCCACCTGTGTCTGGATCTGCTGAAGGAGAAAGCATC
 CATCTACCAGAACCAGAACTCCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001291078
Insert Size:	1218 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.
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:	<ol style="list-style-type: none"> 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:	<u>NM_001291078.1</u> , <u>NP_001278007.1</u>
RefSeq Size:	3356 bp
RefSeq ORF:	1218 bp
Locus ID:	19708
UniProt ID:	<u>Q61103</u>
Cytogenetics:	19 4.34 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer 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.</p>