

## Product datasheet for SC127011

### DPF2 (NM\_006268) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DPF2 (NM_006268) Human Untagged Clone
Tag:	Tag Free
Symbol:	DPF2
Synonyms:	CSS7; REQ; ubi-d4; UBID4
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127011 sequence for NM_006268 edited (data generated by NextGen Sequencing)

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ATGGCGGCTGTGGTGGAGAATGTAGTGAAGCTCCTTGGGGAGCAGTACTACAAAGATGCC
ATGGAGCAGTGCCACAATTACAATGCTCGCCTCTGTGCTGAGCGCAGCGTGCGCCTGCCT
TTCTTGGACTCACAGACCGGAGTAGCCCAGAGCAATTGTTACATCTGGATGGAAAAGCGA
CACCGGGTCCAGGATTGGCCTCCGGACAGCTGTACTCCTACCCTGCCCGGCGTGGCGG
AAAAAGCGGCGAGCCCATCCCCTGAGGATCCACGACTTTCCTTCCCATCTATTAAGCCA
GACACAGACCAGACCCTGAAGAAGGAGGGGCTGATCTCTCAGGATGGCAGTAGTTTAGAG
GCTCTGTTGCGCACTGACCCCTGGAGAAGCGAGGTGCCCGGATCCCGAGTTGATGAT
GACAGCCTGGGCGAGTTTCTGTGACCAACAGTCGAGCGGAAAGCGGATCCTAGAACCA
GATGACTTCTGGATGACCTCGATGATGAAGACTATGAAGAAGATACTCCAAGCGTCGG
GGAAAGGGGAAATCCAAGGTAAGGGTGTGGGCACTGCCCGTAAGAAGCTGGATGCTTCC
ATCCTGGAGGACCGGATAAGCCCTATGCCTGTGACATTTGTGGAAAACGTTACAAGAAC
CGACCAGGCTCAGTTACCACTATGCCACTCCCCTGGCTGAGGAGGAGGGCGAGGAC
AAGGAAGACTCTCAACCACCACTCCTGTTTCCAGAGGTCTGAGGAGCAGAAATCCAAA
AAGGGTCTGATGGATTGGCCTTGCCCAACAATACTGTGACTTCTGCCTGGGGGACTCA
AAGATTAACAAGAAGACGGGACAACCCGAGGAGCTGGTGTCTGTTCTGACTGTGGCCG
TCAGGGCATCCATCTTGCCTCCAATTTACCCCGTGATGATGGCGCAGTGAAGACATAC
CGCTGGCAGTGCATCGAGTGCAAATGTTGCAATATCTGCCGCACTCCGAGAATGACGAC
CAGTTGCTCTTCTGTGACTGCGATCGTGGCTACCACATGTAAGTGTCTCACCCGTC
ATGTCTGAGCCCTGAAGGAAGTTGGAGCTGCCACCTGTGTCTGGACCTGTTGAAAGAG
AAAGCTTCCATCTACCAGAACCAGAACTCCTCTTGA

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Clone variation with respect to NM\_006268.4



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_006268 unedited  
 TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGGAAGATGGCGGCTG  
 TGGTGGAGAATGTAGTGAAGCTCCTTGGGGAGCAGTACTACAAAGATGCCATGGAGCAGT  
 GCCACAATTACAATGCTCGCCTCTGTGCTGAGCGCAGCGTGCCTGCTTTCTTGGACT  
 CACAGACCGGAGTAGCCAGAGCAATTGTTACATCTGGATGGAAAAGCGACACCGGGGTC  
 CAGGATTGGCCTCCGGACAGCTGTACTCCTACCCTGCCCGGCGCTGGCGGAAAAAGCGGC  
 GAGCCCATCCCCCTGAGGATCCACGACTTTCCTTCCCATCTATTAAGCCAGACACAGACC  
 AGACCCTGAAGAAGGAGGGGCTGATCTCTCANGATGGCAGTAGTTTAGAGGCTCTGTTGC  
 GCACTGACCCCTGGAGAAGCGAGGTGCCCGGNATCCCCGAGTGATGATGACAGCCTG  
 GGCGATTTCTGTGACCACAGTCGAGCGCGAAAGCGGATCCTANAAACCAGATGACTTCT  
 GGTGACCTGGTATGAAAACCTTGAAGAAAGATCCTCCCAACCGTTGGGGAAAAGGGAA  
 ATCAAGGGTAAGGGTTGGGGCAAGGCCCTAAAAACCTGAAGCCTTCTTCTGGAAG  
 GACCGGAAAACCCCATGGCCTGGGAAATTTGGGGAAAATTTTCAAAAACACCCCC  
 CGCCCTAAATTTCCCATATTGCCCCCCCCCCCTTTGGGGGAGAGGGGGGGGGGAG  
 AACAAAAAAAATATTTTCCCCCCCCCCCCCTTTTTTGGGGGAAGAAG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_006268 unedited  
 GACCGCGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  
 TGGGAAAAACATTTATTTTTACTAATGTTTAAAATACAGGAACTAAAGAAAGAAAAAGA  
 AAAGACACCTCACCTCAAAGCGACAGTGAGTTAGGGCTGCCACGGCCAAGGGGAAG  
 GCTACTCCAGGGTCTGCGCATGGACTGTCCCCCACTACTTAATGTCAGTGCCACTAA  
 GCAAAAAACTTGAGGAATCAGGGTGTGAAAACCTTACCAGCTGTAGCGAGCGTGAAGG  
 GAAAAAAGGGATGTCTATGTGGCTTCCCATGAGCTGAAAGCCAGGATACACGGGGCAGG  
 TGGCAAAGGCTCCAATTCAGTTAAAAGCAGGAGGCTGAATGCCAGGTCAGGAAAAAC  
 AAAAAGGGGATTTTGGAGGTAGGCTTTTTTGTGTGTTAAAAACAGGCACATTATCCAT  
 CTCTTGTGGCCCCGAGCTGCTGGCCTGGCCCCCTGATCCTTCCCCTCTCCCCAAAA  
 CCAAAAGGAGTAGGAAGGGAGGCAAAAGATGAAAAATTCAGGGTGGGGAAATGCTTCAG  
 TCACTGGAGACCGACCGTAAGAGTGAGCCAGGAGGCAATGGGAATAACAAGGTGAAGCT  
 ACTGTTCCCCCTGGGGTGGGGTGAATGGGACAGGGCAAAACCAGGAGGGTGACCGAGAA  
 CATCCTGACTCCAGAAAAGACACTCTGTANCAGGAACACAGGGCCGAGAGGCCACTCT  
 GGNAGAAAAGAGTGAGGCTATGCNGCACAAAGGCATGAAAAGCTTTGTGGACGTGGCCT  
 CANCTGCTCGCTCCAGCTTCTGGCCTGGCTTGCCTTTAAAAGACAGGAAACTCTGGAG  
 ACAGAGGGGAAGGCAGACACANAAAATTGGC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_006268

**Insert Size:**

2430 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:** [NM\\_006268.3](#), [NP\\_006259.1](#)

**RefSeq Size:** 2411 bp

**RefSeq ORF:** 1176 bp

**Locus ID:** 5977

**UniProt ID:** [Q92785](#)

**Cytogenetics:** 11q13.1

**Domains:** PHD, zf-C2H2

**Protein Families:** Druggable Genome, Transcription Factors

**Gene Summary:** The protein encoded by this gene is a member of the d4 domain family, characterized by a zinc finger-like structural motif. This protein functions as a transcription factor which is necessary for the apoptotic response following deprivation of survival factors. It likely serves a regulatory role in rapid hematopoietic cell growth and turnover. This gene is considered a candidate gene for multiple endocrine neoplasia type I, an inherited cancer syndrome involving multiple parathyroid, enteropancreatic, and pituitary tumors. [provided by RefSeq, Jul 2008]