

## Product datasheet for SC335741

### CERD4 (DPF3) (NM\_001280542) Human Untagged Clone

#### Product data:

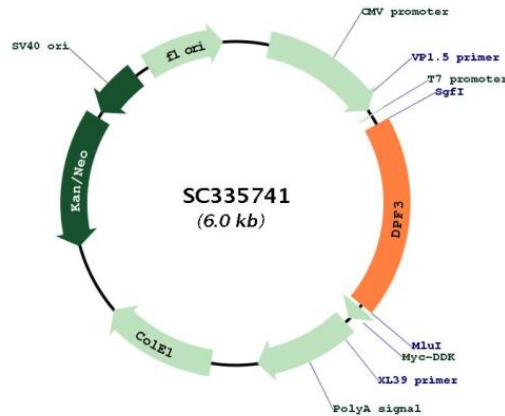
Product Type:	Expression Plasmids
Product Name:	CERD4 (DPF3) (NM_001280542) Human Untagged Clone
Tag:	Tag Free
Symbol:	DPF3
Synonyms:	BAF45C; CERD4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335741 representing NM_001280542. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGACTGTCAATTCACAACCCCTGAAAGCGCTCGGGGACCAGTTCTACAAGGAAGCCATTGAGCAC
TGCCGGAGTTACAACCTCACGGCTGTGTGCAGAGCGCAGCGTGCCTTCCCTTCTGGACTCACAGACT
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ATCCAGGAAATACAGAGGGTTTTGGAAAATGATGAAAATGTAGAAGAAGGGAATGAAGAAGAGGATTTG
GAAGAGGATATCCCAAGCGAAAAGAACAGGACTAGAGGACGGGCTCGCGGCTCTGCAAGGGGCGAGGAGG
AGGCACGACGCCGCTCTCAGGAAGACCACGACAAACCTTACGTCTGTGACATCTGTGGCAAGCGTAC
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CAAGACCAGGAGACTCGGTCCCCACCAACACAGAAATGAGAACCACAGGCCCCAGAAAGGACCGGAT
GGAACAGTCATCCCAATAACTACTGTGACTTCTGCTTGGGGGCTCCAACATGAACAAGAAGAGTGGG
CGGCTGAAGAGCTGGTGTCTGCGCAGACTGTGGACGCTCTGGTCACCAACCTGCCTGCAGTTTACC
CTGAACATGACCGAGGCTGTCAAGACCTACAAGTGGCAGTGCATAGAGTGCAAATCCTGTATCCTCTGT
GGGACCTCAGAGAATGATGACCAGCTACTTCTGCGATGACTGTGACCGAGGCTATCACATGTAATGT
TTAAATCCCCCGGTGGCTGAGCCCCAGAAGGACTGGAGCTGCCACTTATGCTGGAACTGCTCAA
GAGAAAGCCTCAGCCTTTGGCTGCCAGGCCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001280542

**Insert Size:** 1137 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\\_001280542.1](#)

**RefSeq Size:** 1166 bp

**RefSeq ORF:** 1137 bp

**Locus ID:** 8110

**UniProt ID:** [Q92784](#)

**Cytogenetics:** 14q24.2

**Protein Families:** Transcription Factors

**MW:** 43.1 kDa

**Gene Summary:**

This gene encodes a member of the D4 protein family. The encoded protein is a transcription regulator that binds acetylated histones and is a component of the BAF chromatin remodeling complex. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]

Transcript Variant: This variant (2) differs in the 3' CDS and the 3' UTR compared to variant 1. The encoded isoform (2, also known as DPF3b) has a distinct C-terminus and is longer than isoform 1.