

Product datasheet for RC237847

CERD4 (DPF3) (NM_001280542) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CERD4 (DPF3) (NM_001280542) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DPF3
Synonyms:	BAF45C; CERD4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237847 representing NM_001280542 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGACTGTCATTACAACCCCTGAAAGCGCTCGGGACCAGTTCTACAAGGAAGCCATTGAGCACT
GCCGGAGTTACAACCTCACGGCTGTGTGCAGAGCGCAGCGTGCCTTCCCTTCTGGACTCACAGACTGG
GGTGGCCAGAACAACCTGCTACATCTGGATGGAGAAGAGGCACCGAGGCCAGGCCTTGCCCGGGCCAG
CTGTATACATACCTGCCCGCTGCTGGCGCAAGAAGAGACGATTGCACCCACCTGAAGATCCAAAACCTGC
GGCTGCTGGAGATAAAACCTGAAGTGGAGCTTCCCTGAAGAAGGATGGGTTACCTCAGAGAGCACCCAC
GCTGGAAGCCTTGCTCCGTGGCGAGGGGTTGAGAAGAAGGTGGATGCCAGGGAGGAGGAAAGCATCCAG
GAAATACAGAGGGTTTTGGAAAATGATGAAAATGTAGAAGAAGGGAATGAAGAAGAGGATTTGGAAGAGG
ATATCCCAAGCGAAAGAACAGGACTAGAGGACGGGCTCGCGCTCTGCAGGGGGCAGGAGGAGGCACGA
CGCCGCTCTCAGGAAGACCACGACAAACCTTACGTCTGTGACATCTGTGGCAAGCGCTACAAGAACCGA
CCGGGGCTCAGCTACCACTATGCTCACACTCACCTGGCCAGCGAGGAGGGGATGAAGCTCAAGACCAGG
AGACTCGTCCCCACCAACCACAGAAAATGAGAACCACAGGCCCCAGAAAGGACCGGATGGAACAGTCAT
TCCAATAACTACTGTGACTTCTGCTTGGGGGGCTCCAACATGAACAAGAAGAGTGGCGCGCTGAAGAG
CTGGTGTCTGCGCAGACTGTGGACGCTCTGGTACCCAACTGCTGCACTTTACCCTGAACATGACCG
AGGCTGTCAAGACCTACAAGTGGCAGTGCATAGAGTGCAAATCCTGTATCCTCTGTGGGACCTCAGAGAA
TGATGACCAGCTACTTCTGCGATGACTGTGACCGAGGCTATCACATGTACTGTTAAATCCCCCGGTG
GCTGAGCCCCAGAAGGAAGCTGGAGCTGCCACTTATGCTGGAACTGCTCAAAGAGAAAGCCTCAGCCT
TTGGCTGCCAGGCC

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237847 representing NM_001280542
 Red=Cloning site Green=Tags(s)

MATVIHNPLKALGDQFYKEAIEHCRSYNSRLCAERSVRLPFLDSQTGVAQNNCYIWMEKRHRGPGGLAPGQ
 LYTPARCWRKKRRLHPPEDPKLRLLLEIKPEVELPLKKGDFTESTTLEALLRGEVGEKKVDAREEESIQ
 EIQRVLENDENVEEGNEEEDLEEDIPKRKNRTRGRARGSAGGRRRHDAASQEDHDKPYVCDICGKRYKNR
 PGLSYHYAHTHLASEEGDEAQDQETRSPPNHRNENHRPQKGPDGTVIPNNYCDFCLGGSNMNKKSGRPEE
 LVSCADCGRSGHPTCLQFTLNMTEAVKTYKWQCIECKSCILCGTSENDQQLLFCDDCDRGYHMYCLNPPV
 AEPPEGSWSCHLCWELLKEKASAFGCQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

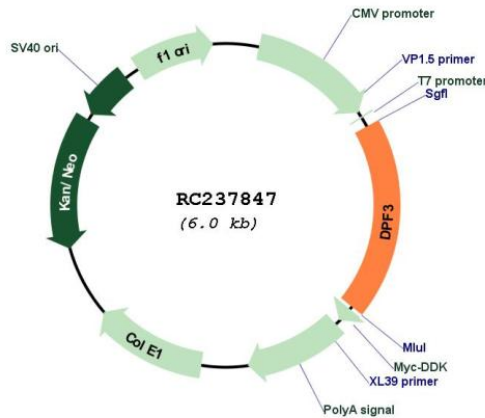
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001280542

ORF Size:	1134 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001280542.1 , NP_001267471.1
RefSeq Size:	1166 bp
RefSeq ORF:	1137 bp
Locus ID:	8110
UniProt ID:	Q92784
Cytogenetics:	14q24.2
Protein Families:	Transcription Factors
MW:	43.5 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]