

Product datasheet for SC335964

CERD4 (DPF3) (NM_001280544) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CERD4 (DPF3) (NM_001280544) Human Untagged Clone
Tag:	Tag Free
Symbol:	CERD4
Synonyms:	BAF45C; CERD4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335964 representing NM_001280544. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGTTTTATGGCAGAATAAATGGCGTAACTTCGCCGCATCCTCGCTGCCGGTTGCTTTCGCTGCAACA
 CCGCTGATGCTGTTTCTACCGAACCACAACTGATTTTCAGTTTCCCATTTCCAGCCGAAATCACATA
 ACCGGGCTGATGCCACCTGGTAACTCAAGTTAGAGAACCTATTTACATGTGCACAGGCTCGGGGAC
 CAGTTCTACAAGGAAGCCATTGAGCACTGCCGGAGTTACAACACCGGCTGTGTGCAGAGCGCAGCGTG
 CGTCTTCCCTTCTGGACTCACAGACTGGGGTGGCCAGAACAACCTGCTACATCTGGATGGAGAAGAGG
 CACCGAGGCCAGGCCTTGCCCCGGGCCAGCTGTATACATACCCTGCCCGCTGCTGGCGCAAGAAGAGA
 CGATTGCACCCACCTGAAGATCCAAACTGCGGCTGCTGGAGATAAAACCTGAAGTGGAGCTTCCCTG
 AAGAAGGATGGGTTCACCTCAGAGAGCACCCAGCTGGAAGCCTTGCTCCGTGGCGAGGGGTTGAGAAG
 AAGGTGGATGCCAGGGAGGAGGAAAGCATCCAGGAAATACAGAGGGTTTTGGAATGATGAAAATGTA
 GAAGAAGGGAATGAAGAAGAGGATTTGGAAGAGGATATCCCAAGCGAAAGAACAGGACTAGAGGACGG
 GCTCGCGGCTCTGCAGGGGCGAGGAGGACGACGCCGCTCTCAGGAAGACCACGACAAACCTTAC
 GTCTGTGACATCTGTGGAAGCGCTACAAGAACCAGCCGGGCTCAGTACCACTATGCTCACACTCAC
 CTGGCCAGCGAGGAGGGGATGAAGCTCAAGACCAGGAGACTCGTCCCCACCAACCACAGAAATGAG
 AACCAGGGCCCCAGAAAGGACCGGATGGAACAGTCATTCCCAATAACTACTGTGACTTCTGCTTGGG
 GGCTCCAACATGAACAAGAAGAGTGGGCGCCTGAAGAGCTGGTGTCTGCGCAGACTGTGGACGCTCT
 GCTCATTTGGGAGGAGAAGGCAGGAAGGAGAAGGAGGCAGCGGCCGAGCAGTACCACGGAGGACTTA
 TTCGGTTCACGTGAGAAAGTGACACGTCAACTTTCCACGGCTTTGATGAGGACGATTTGGAAGACCT
 CGCTCCTGTGAGGACGCCGAGTGGCCGGGTTGCCCCACAGCAGATAAAAAGGCGAGTTGCT**AA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001280544
Insert Size:	1239 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_001280544.1
RefSeq Size:	4520 bp
RefSeq ORF:	1239 bp
Locus ID:	8110
UniProt ID:	Q92784
Cytogenetics:	14q24.2
Protein Families:	Transcription Factors
MW:	46.4 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 (4) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (4) has a distinct N-terminus and is longer 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.