

Product datasheet for SC317567

CERD4 (DPF3) (NM_012074) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CERD4 (DPF3) (NM_012074) 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:	>SC317567 representing NM_012074. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGACTGTCAATTCACAACCCCTGAAAGCGCTCGGGGACCAGTTCTACAAGGAAGCCATTGAGCAC
TGCCGGAGTTACAACCTCACGGCTGTGTGCAGAGCGCAGCGTGCCTTCCCTTCTGGACTCACAGACT
GGGGTGGCCAGAACAACCTGCTACATCTGGATGGAGAAGAGGCACCGAGGCCAGGCCTTCCCCGGGC
CAGCTGTATACATACCCTGCCCGCTGCTGGCGAAGAAGAGACGATTGCACCCACCTGAAGATCCAAAA
CTGCGGCTGCTGGAGATAAAACCTGAAGTGGAGCTTCCCTGAAGAAGGATGGGTTACCTCAGAGAGC
ACCACGCTGGAAGCCTTGCTCCGTGGCGAGGGGTTGAGAAGAAGGTGGATGCCAGGGAGGAGAAAGC
ATCCAGGAAATACAGAGGGTTTTGGAAAATGATGAAAATGTAGAAGAAGGGAATGAAGAAGAGGATTTG
GAAGAGGATATCCCAAGCGAAAAGAACAGGACTAGAGGACGGGCTCGCGGCTCTGCAGGGGGCAGGAGG
AGGCACGACGCCGCTCTCAGGAAGACCACGACAAACCTTACGTCTGTGACATCTGTGGCAAGCGTAC
AAGAACCAGCCGGGCTCAGCTACCACTATGCTCACACTCACCTGGCCAGCGAGGAGGGGATGAAGCT
CAAGACCAGGAGACTCGGTCCCCACCAACACAGAAATGAGAACCACAGGCCCCAGAAAGGACCGGAT
GGAACAGTCATTCCCAATAACTACTGTGACTTCTGCTTGGGGGCTCCAACATGAACAAGAAGAGTGGG
CGGCTGAAGAGCTGGTGTCTGCGCAGACTGTGGACGCTCTGCTCATTGGGAGGAGAAGGCAGGAAG
GAGAAGGAGGCAGCGGCCGAGCAGTACCACGGAGGACTTATTCGGTCCACGTCAGAAAGTGACAGC
TCAACTTCCACGGCTTTGATGAGGACGATTTGGAAGAGCCTCGCTCCTGTCGAGGACGCCGAGTGGC
CGGGTTCGCCCACAGCAGATAAAAAGGCGAGTTGCTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_012074



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Insert Size:	1074 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_012074.4
RefSeq Size:	4077 bp
RefSeq ORF:	1074 bp
Locus ID:	8110
UniProt ID:	Q92784
Cytogenetics:	14q24.2
Protein Families:	Transcription Factors
MW:	40.2 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the shortest isoform (1, also known as DPF3a).</p> <p>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>