

Product datasheet for **RG237763**

CERD4 (DPF3) (NM_001280543) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CERD4 (DPF3) (NM_001280543) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CERD4
Synonyms:	BAF45C; CERD4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237763 representing NM_001280543. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGGGTTCACAGACCTGGAAGAGCCATCTCTGGATGCCCTGGAGGCCCATGGGCTCTAGGGCTCGGG
GACCAGTCTACAAGGAAGCCATTGAGCACTGCCGGAGTTACAACCTCACGGCTGTGTGCAGAGCGCAGC
GTGCGTCTCCCTTCTGGACTCACAGACTGGGGTGGCCAGAACAACCTGCTACATCTGGATGGAGAAG
AGGCACCGAGGCCAGGCCTTGCCCGGGCCAGCTGTATACATACCCTGCCCGCTGCTGGCGAAGAAG
AGACGATTGCACCCACCTGAAGATCCAAAACCTGCGGCTGCTGGAGATAAACCTGAAGTGGAGCTTCCC
CTGAAGAAGGATGGGTTCACCTCAGAGAGCACCGCTGGAAGCCTTGCTCCGTGGCGAGGGGGTTGAG
AAGAAGGTGGATGCCAGGAGGAGGAAAGCATCCAGGAAATACAGAGGGTTTTGGAAAATGATGAAAAT
GTAGAAGAAGGAATGAAGAAGAGGATTTGGAAGAGGATATCCCAAGCGAAAGAACAGGACTAGAGGA
CGGGCTCGCGGCTCTGCAGGGGGCAGGAGGAGGCACGACGCCGCTCTCAGGAAGACCACGACAAACCT
TACGTCTGTGACATCTGTGGCAAGCGCTACAAGAACCAGCGGGGCTCAGTACCACTATGTCTCACACT
CACCTGGCCAGCGAGGAGGGGATGAAGCTCAAGACCAGGAGACTCGGTCCCCACCAACACAGAAAT
GAGAACCACAGGCCCCAGAAAGGACCGGATGGAACAGTCATTCCAATACTACTGTGACTTCTGCTTG
GGGGCTCCAACATGAACAAGAAGAGTGGCGGCTGAAGAGCTGGTGTCTGCGCAGACTGTGGACGC
TCTGCTCATTGGGAGGAGAAGGCAGGAAGGAGAAGGAGGCAGCGCCGACAGTACCACGGAGGAC
TTATTCGGTTCACGTCAGAAAGTGACACGTCAACTTTCCACGGCTTTGATGAGGACGATTTGGAAGAG
CCTCGCTCCTGTGAGGACGCCGAGTGGCCGGGTTCCGCCACAGCAGATAAAAAGGGCAGTTGC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237763
 Blue=ORF Red=Cloning site Green=Tag(s)

MGFTDLEEPISGCPGGPWALGLGDQFYKEAIEHCRSYNSRLCAERSVRLPFLDSQTGVAQNNCYIWMEK
 RHRGPG LAPGQL YTYPARCWRKKRRLHPPEDPKLRLLLEIKPEVELPLKKGDF TSESTTLEALLRGE GVE
 KKVDAREEESI QEIQRVLENDENVEEGNEEDLEEDIPKRKNRTRGRARGSAGGRRRHDAASQEDHDKP
 YVDCICGKRYKNRPLSYHYAHTHLASEEGDEAQDQETRSPPNHRNENHRPQKGP DGTVIPNNYCDFCL
 GGSNMNKKSGRPEELVSCADCGRSAHLGGEGRKEKEAAAAARTTEDLFGSTSESDTSTFHGFDEDDLEE
 PRSCRGRRSGRGSPTADKKGSC
 TRTRPLEMESDESLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYP SGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001280543

ORF Size: 1101 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.

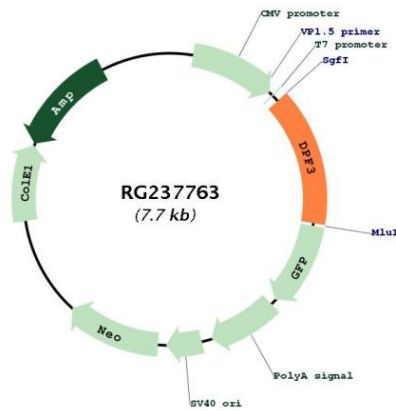
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001280543.1](#), [NP_001267472.1](#)

RefSeq Size: 4221 bp

RefSeq ORF:	1104 bp
Locus ID:	8110
UniProt ID:	Q92784
Cytogenetics:	14q24.2
Protein Families:	Transcription Factors
MW:	41.6 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]

Product images:



Circular map for RG237763