

Product datasheet for **SC308446**

C2CD4A (NM_207322) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C2CD4A (NM_207322) Human Untagged Clone
Tag:	Tag Free
Symbol:	C2CD4A
Synonyms:	FAM148A; NLF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308446 representing NM_207322. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGTGGTGCCTGGAGCGACTCCGCTTGGGTCTGAGTGCCTTCGGCGGAGCGGAGACTGGCTTCTCCCG
 GGTCGGGCGCCGCGAGCAAGTCTCGCACCACCGCCGCGTGCAGAAATGTGCTCACTCCGGACCGCATC
 CCTGAGTTCTGCATCCCGCCACGGCTCATGCCCGCCTGGCTTGGCTGCGCTCCGGAATTCTTGGGTC
 GAAGAAGCAGGGATGGACGAGGGCGCCGCCGACAGACTGGGACCCGCGCTCGCAGGCCGCGCTGTCA
 CTGCCGCACCTGCCCGTGTGCGCACCGCTACGGCTTCTGCGCGCTGCTCGAGAGCCCGCACACGCGC
 CGCAAGGAGTCGCTCCTGCTCGGGGGCCCGCCCGCGCCCGGGCCCGCCACCTACGGCGGCGGC
 GCGGCGCCGACGCCCTCCTGGGACCCCTGCGCGTCCCGCGAGCTCCGGGCGCGGACCCCGCGGCC
 CCGGCTGTCCCGCGCCGCCAGGACGCGCTCGCCCGCGGCGCCCGCGGCTGCCGCTCCTGCGCGTC
 CCCGACGGGCTGCTGAGTCGCGCGCTGCGGGCTGGGAGGAGTCGCGCGCTGACCCGCGTCCGCTCCGTC
 TCCAGCGGAACGAGGACAAGGAGCGCCGCGGGCTCCAGTCCCGGGCCCGGGCCCTCCACGAGC
 CCGCGTCGTCCCGGTCCCGTTTCCGAGCGCTGGAGCGGAGGGACCGTGGCTCTGGGCGCGCC
 GGCGACGCCCTGCGCTGGCCGCCGAGTACTGTCCGGAAACGGGCGGCTCCGCTCCGGTGTCTCCG
 GCCGAGAGCCCGCGGAGGCGCCCGGGCCCGAGCCGTAGCTGTGCGCTCAGCCTCGTCTGCGG
 CCGCCGGGACCGCGCTTCGGCAATGCAGCACTGTGGTGGGGCGCAGCCGAAGGCTCCTTTGACCAG
 GACTTCTGCTTTCAGCGGCTCTCGGAGGACGAAGTGCGCCGCTGGCCGTTTCGAGTCAAGGCCCGGAC
 GAGGGCCGCGCCGGGAGCGGGCCGCTGCTGGGCCAGGGTGAAGTGTCCCTGGGCGCCCTCCTGCTG
 CTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_207322
Insert Size:	1110 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:	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:	<u>NM_207322.2</u>
RefSeq Size:	3461 bp
RefSeq ORF:	1110 bp
Locus ID:	145741
UniProt ID:	<u>Q8NCU7</u>
Cytogenetics:	15q22.2
MW:	39.7 kDa
Gene Summary:	May be involved in inflammatory process. May regulate cell architecture and adhesion. [UniProtKB/Swiss-Prot Function]