

## Product datasheet for SC301250

### C2CD4B (NM\_001007595) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C2CD4B (NM_001007595) Human Untagged Clone
Tag:	Tag Free
Symbol:	C2CD4B
Synonyms:	FAM148B; NLF2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301250 representing NM_001007595. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**  
 ATGCGGCTCCTCGAGAACTCTGTTCTCGGCCGAGGCAGCTCCGCGCCGAAGCCCGCCTTCGCCAAA  
 GTGCTCACGCCGAATCGCATCCCGAATTCTGCATCCCGCCGCGGCTGCCGGCCCTTGACGCTCGAG  
 TCTCCAATCCGGGCCGCCCGCTGCCCGGCGCTGCGCCGCTGAAAGCGACCTGTGGCCCCGCGCGGCA  
 GACGAGGACGCCGCCGACGACTGGGACCCGCGCTCGCAGGCAGCGCTGCTACTGCCGACCTGCC  
 CGTGTGCGCACCACTACGGCTTCTGCGCGCTGCTCGAGAGCCGCACACGCGCCGAAGGAGTCGCTC  
 CTGCTCGGGGGCCGCCCGCGCCCGGGCCCGGGCCACAGCTGCGGCGCGGCGGAGGCCCGGACGCC  
 CCCCTGGGGACCTGTGCGGCCCGGAGGTCCGGGCCCGGCCACCCCGCGGCCCGCGCGGTCCCGGC  
 CTGCCCCAGGACGCGCTCGCTGCGGGGCCCGCGCTGCCGCCTCCTGCGCGTCCCGACGGGCTGCTG  
 AGTCGCGCGCTGCGGGCTGGAAGGAGTCGCCGCCTGGCCCGCGTCCGCTCCGCTCTCCAGCGGGAACGAG  
 GACGAGGAGCGCGCGCGGGATCCGAGTCCCGGCCCGGGCCCCCTCCTCGAGCCCGCTGTATCCAGG  
 GCCCGCTTCTGAGCGCTGGAGGCCAAGGGCACCGTGGCTCTGGGCCGCGCGCGGACGCCCTGCGC  
 CTGGCTGCTGAGTACTGTCCGGGAACCGGCGTCTCCGCTCCGCTGCTCCGCGCGGAGAGCCTGTTT  
 GGAGGCGCCCCCGGGCCCGCGCGTCCGCTGCCGCTCAGCCTCGTCTGCGGCCCGCGGGCACTGCG  
 CGTTGGCAATGCAGCGCTGTGGTGGGGCGCAGCCGCAAGGCCTCCTTTGACCAGGACTTTTGCTTCGAC  
 GGCTCTCGGAAGACGAGGTGCGCCGCTGCGCGTTCGCGTCAAGGCCCGGGATGAGGGTCGCGGCCG  
 GATCGGGGCCGCTGCTGGGCCAGGGTGAAGTGTCCCTGGGCGCCCTCCTGCTGCT**TGA**  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001007595


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<b>Insert Size:</b>	1095 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001007595.2</a></u>
<b>RefSeq Size:</b>	1576 bp
<b>RefSeq ORF:</b>	1095 bp
<b>Locus ID:</b>	388125
<b>UniProt ID:</b>	<u><a href="#">A6NLJ0</a></u>
<b>Cytogenetics:</b>	15q22.2
<b>MW:</b>	38.8 kDa
<b>Gene Summary:</b>	May be involved in inflammatory process. May regulate cell architecture and adhesion. [UniProtKB/Swiss-Prot Function]