

Product datasheet for **RC236026**

Coiled Coil Domain Containing Protein 3 (CCDC3) (NM_001282658) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coiled Coil Domain Containing Protein 3 (CCDC3) (NM_001282658) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Coiled Coil Domain Containing Protein 3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC236026 representing NM_001282658 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGATGAAAATTATAACCTCTTGCCTCACGGAGTCAATTTCCAAGATGCCATCTTCCAGACACTCAAG
AGAACAGAAGGATGTTTTCTAGCCTTTTCCAGTTTCAAAGTTCGCAAGGGCAGCAGCTGGCGACTTT
CTCCAGTGACTGGGAAATCCAGGAAGACAGTAGGCTCATGTGCTCCTCGGTGCAGAAGGCCTTGTTGAG
GAGGAGGACCACGTCAAGAACTGCAGCAGAAAGTGCCACCCCTGGAGAAGCGCAACCGGCAGCTCCGGG
AGCGAGTGAAGAAGGTCAAGAGGTCCTTGCGGCAGGCGCGTAAGAAGGGCCGCCACCTGGAGCTGGCGAA
CCAGAACTCAGTGAGAAGCTGGCGGCGGCGCTGCCGCACATCAACGCCCGGGGGCCCGTGCGCCCC
CCCTACCTGCGGGGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC236026 representing NM_001282658 Red=Cloning site Green=Tags(s)
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MDENYNLLPHGVNFQDAIFPDTQENRRMFSSLFQFSNCSQGQQLATFSSDWEIQEDSRLMCSSVQKALFE
EEDHVKKLQQKVATLEKRNRLRERVKKVKRSLRQARKKGRHLELANQKLSEKLAAGALPHINARGPVRP
PYLRG

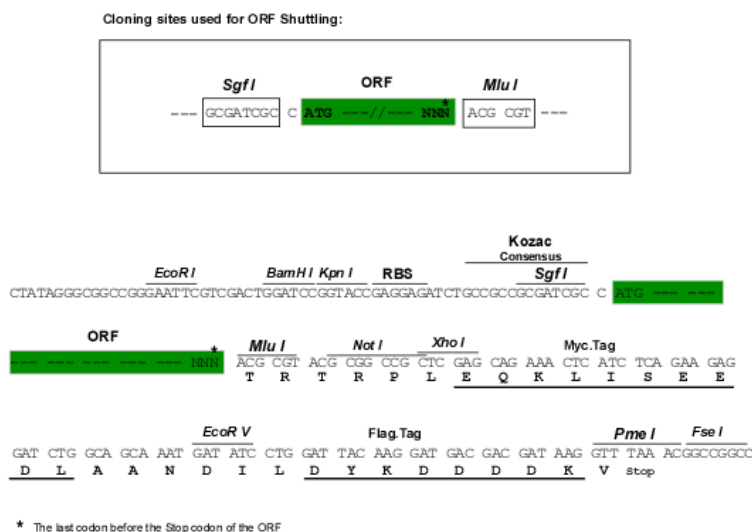
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:	SgfI-MluI
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Cloning Scheme:



ACCN: NM 001282658

ORF Size: 435 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).

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001282658.1](#), [NP_001269587.1](#)

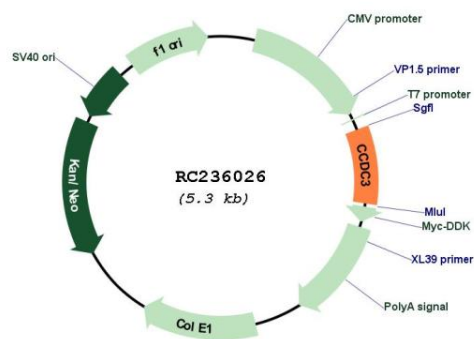
RefSeq Size: 3318 bp

RefSeq ORF: 438 bp

Locus ID: 83643
 UniProt ID: [Q9BQI4](#)
 Cytogenetics: 10p13
 MW: 17.3 kDa

Gene Summary: Negatively regulates TNF-alpha-induced pro-inflammatory response in endothelial cells (ECs) via inhibition of TNF-alpha-induced NF-kappaB activation in ECs (PubMed:25193116). Positively regulates lipid accumulation in adipose cells (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC236026