

Product datasheet for RC231625

CCDC103 (NM_001258397) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	CCDC103 (NM_001258397) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CCDC103
Synonyms:	CILD17; PR46b; SMH
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	<pre>>RC231625 representing NM_001258397 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGCC</mark>
	ATGGAAAGGAATGACATCATCAACTTCAAGGCTTTGGAGAAAGAGCTGCAGGCTGCACTCACT
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG GTTTAA
Protein Sequence:	>RC231625 representing NM_001258397 <mark>Red</mark> =Cloning site Green=Tags(s)
	MERNDIINFKALEKELQAALTADEKYKRENAAKLRAVEQRVASYEEFRGIVLASHLKPLERKDKMGGKRT VPWNCHTIQGRTFQDVATEISPNSWKSS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Restriction Sites:	Sgfl-Mlul



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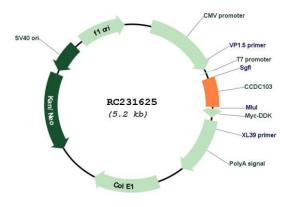


Cloning Scheme:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:	
ORF Size:	
OTI Disclaimer:	

NM_001258397

294 bp

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. <u>More info</u>

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ORIGENE CCDC103 (NM_001258397) Human Tagged ORF Clone – RC231625	
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 001258397.1, NP 001245326.1
RefSeq Size:	1813 bp
RefSeq ORF:	297 bp
Locus ID:	388389
UniProt ID:	<u>Q8IW40</u>
Cytogenetics:	17q21.31
MW:	11.7 kDa
Gene Summary:	This gene encodes a protein that contains a coiled-coil domain. [provided by RefSeq, Apr 2012]

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