

Product datasheet for **RC204309**

C10orf84 (FAM204A) (NM_022063) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C10orf84 (FAM204A) (NM_022063) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C10orf84
Synonyms:	bA319I23.1; C10orf84
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC204309 representing NM_022063 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGAGTGGGCTGCTACCTCCTGGCCTAAATGAAAGTGACGCTGAGTCAAACCTCGGAAGATGAAGCTA
CGTTGGAGAACTCTGGACTTAACCTACAGGAAGATAAAGAGGATGAGAGCATCAGAAAAACAGAAATCAT
AGATTTCTCAACAGATGAACAAAACTGAAACAGAGTCAAATGTAATGCCTATGAAGAGTGTCTTCT
GGAATCCCATAGATATGTGGAATAAATTTCAAGAATTGCATAAAAAACATTCTGAACAGAAAAGCACAA
CCTCAAGATTCAGAGGGAAAAGAAGAAAACGCTCCAGAAAAGATAAATTGAAGAATGAAAAAGAATTACA
TAGTGAACCGTCTCAAATGAAACCCAGTGGAAAGAGCTTACTCAGTATTTGGAGTCAATGATAGATTT
GACCCGCCTGTTAAAAGGAAAAAGTTGAGAAGTCAGGCCTTGAAAAGAGGATAGACCAGGCTGTGGAGG
AGTGGAATATTGAGAAGGCTGAGGAACTCAGCAACCAGCTAGCTACTCGAGAGCTTGGTGTAAAAATTGC
CAAAGCAGTTGCCTGCCACAACCTTTGTAAGCCAAAAAGGAGTTGAAAATTCACAGGCTGCCGAAAA
AAGAAGAACTTGCATGGGGTTTGAAGCAAAGAAGAGATGGGAAACCAAAGCAACATGGGATACATG

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC204309 representing NM_022063
 Red=Cloning site Green=Tags(s)

MWSGLLPGLNESDAESNSEDEATLENSGLNLQEDKEDESIRKTEIIDFSTDEPKTETESNVNAYEECP
 GIPIDMWNKFQELHKKHSEQKSTTSRFRGKRRKRSRKDKLKNEKELHSEPPSSNETQWKELTQYFGVND
 RFDPPVKRKKVEKSGLEKRIDQAVEEWNIEKAEELSNQLATRELGVKIAKAVACHNFVKAKKEVENSQA
 ARKKKLLAWGFEAKRWETKSNMGM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8074_f12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_022063

ORF Size: 699 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.

RefSeq: [NM_022063.3](#)

RefSeq Size: 2766 bp

RefSeq ORF: 702 bp

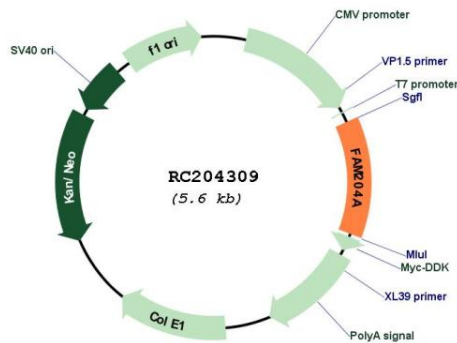
Locus ID: 63877

UniProt ID: [Q9H8W3](#)

Cytogenetics: 10q26.11

MW: 27 kDa

Product images:



Circular map for RC204309