

Product datasheet for RC225292

C10orf84 (FAM204A) (NM_001134672) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C10orf84 (FAM204A) (NM_001134672) 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:	>RC225292 representing NM_001134672 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGAGTGGGCTGCTACCTCCTGGCCTAAATGAAAGTGACGCTGAGTCAAACCTCGGAAGATGAAGCTA
CGTTGGAGAACTCTGGACTTAACTTACAGGAAGATAAAGAGGATGAGAGCATCAGAAAAACAGAAATCAT
AGATTTCTCAACAGATGAACCAAACTGAAACAGAGTCAAATGTAATGCCTATGAAGAGTGTCTTCT
GGAATTCATAGATATGTGGAATAAATTTCAAGAATTGCATAAAAAACATTCTGAACAGAAAAGCACAA
CCTCAAGATTCAGAGGGAAAAGAAGAAAACGCTCCAGAAAAGATAAATTGAAGAATGAAAAAGAATTACA
TAGTGAACCGTCTCAAATGAAACCCAGTGGAAAGAGCTTACTCAGTATTTGGAGTCAATGATAGATTT
GACCCGCCTGTTAAAAGGAAAAAGTTGAGAAGTCAGGCCTTGAAAAGAGGATAGACCAGGCTGTGGAGG
AGTGGAATATTGAGAAGGCTGAGGAACTCAGCAACCAGCTAGCTACTCGAGAGCTTGGTGTAAAAATTGC
CAAAGCAGTTGCCTGCCACAACCTTTGTAAGCCAAAAAGGAGTTGAAAATTCACAGGCTGCCGAAAA
AAGAAGAACTTGCATGGGGTTTGAAGCAAAGAAGAGATGGGAAACCAAAAGCAACATGGGATACATG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC225292 representing NM_001134672
Red=Cloning site Green=Tags(s)

MWSGLLPGLNESDAESNSEDEATLENSGLNLQEDKEDESIRKTEIIDFSTDEPKTETESNVNAYEECP
 GIPIDMWNKFQELHKKHSEQKSTTSRFRGKRRKRSRKDKLKNEKELHSEPPSSNETQWKELTQYFGVNDRF
 DPPVKRKKVEKSGLEKRIDQAVEEWNIEKAEELSNQLATRELGVKIAKAVACHNFVKAKKEVENSQAARK
 KKKLAWGFEAKRWETKSNMGYM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001134672

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_001134672.2](#)

RefSeq Size: 2565 bp

RefSeq ORF: 702 bp

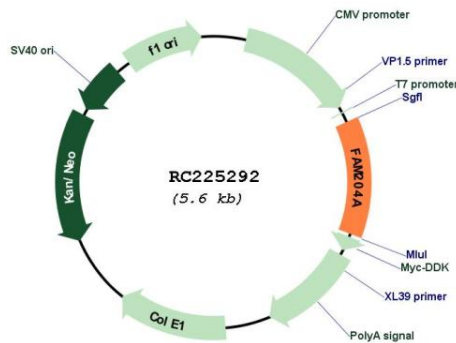
Locus ID: 63877

UniProt ID: [Q9H8W3](#)

Cytogenetics: 10q26.11

MW: 27 kDa

Product images:



Circular map for RC225292