

Product datasheet for **RC219684**

C1orf43 (NM_001098616) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf43 (NM_001098616) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C1orf43
Synonyms: HSPC012; NICE-3; NICE3; NS5ATP4; S863-3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC219684 representing NM_001098616
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCGTCCGGCAGTAACTGGCTCTCCGGGTGAATGTCGTGCTGGTGATGGCTACGGGAGCCTGGTGT
TTGTAAGAGGCAAATCATGCGCTTTGCAATGAAATCTCGAAGGGGACCTCA
TGTCCTGTGGGACACAATGCCCAAGGACTTAAAAGAGGAGATTGATATTCGACTCTCCAGGGTTCAG
GATATCAAGTATGAGCCCAAGCTCCTTGCAGATGATGCTAGACTACTACAACCTGGAAACCCAGGGAA
ATCAAAGTTGCTACAACCTATCTGTATAGGATGAAAGCTCTGGATGCCATTTCGTACCTCTGAGATCCATT
TCATTCTGAAGGCCGGCATCCCCGTTCTTAATGGGCAAGAATTTCCGCTCCTACCTGCTGGATCTGCGA
AACACTAGTACGCCTTTCAAGGGTGTACGCAAAGCACTCATTGATACCCTTTGGATGGCTATGAAACAG
CCCGCTATGGGACAGGGTCTTTGGCCAGAATGAGTACCTACGCTATCAGGAGGCCCTGAGTGAGCTGGC
CACTGCGGTTAAAGCACGAATTTGGGAGCTCTCAGCGACATCACCAGTCAGCAGCCAAAGACCTAACTCAG
TCCCCTGAGGTCTCCCCAACCAACCATCCAGGTGACATACCTCCCCTCCAGTCAGAAGAGTAAACGTGCCA
AGCACTTCCTTGAATTGAAGAGCTTTAAGGATAACTATAACACATTGGAGAGTACTCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC219684 representing NM_001098616
Red=Cloning site Green=Tags(s)

MASGSNWLSGVNVVLMAYGSLVFVLLFIFVKRQIMRFAMKSRRGPHVPVGHNAPKDLKEEIDIRLSRVQ
 DIKYEPQLLADDDARLLQLETQGNQSCYNYLYRMKALDAIRTSEIPFHSEGRHPRSLMGKNFRSYLLDLR
 NTSTPFKGVKALIDTLLDGYETARYGTGVFGQNEYLYRQEALSELATAVKARIGSSQRHHQSAAKDLTQ
 SPEVSPTTIQVTYLPSSQKSKRAKHFLKLSFKDNYNTLESTL

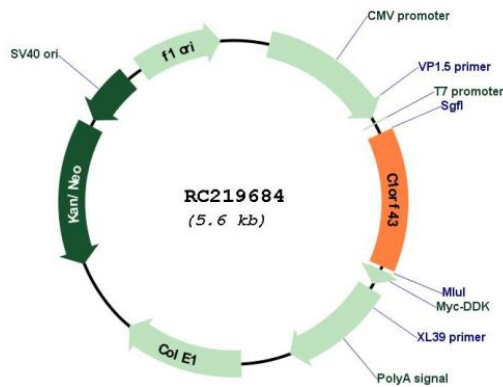
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001098616
ORF Size: 759 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:	<ol style="list-style-type: none">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_001098616.3
RefSeq Size:	1909 bp
RefSeq ORF:	762 bp
Locus ID:	25912
UniProt ID:	Q9BWL3
Cytogenetics:	1q21.3
Protein Families:	Transmembrane
MW:	28.6 kDa
Gene Summary:	General regulator of phagocytosis. Required to uptake Gram negative bacterium by macrophages.[UniProtKB/Swiss-Prot Function]