

Product datasheet for **RC238472**

C9orf43 (NM_001278630) Human Tagged ORF Clone

Product data:

| | |
|--------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | C9orf43 (NM_001278630) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | C9orf43 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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ORF Nucleotide Sequence:

>RC238472 representing NM_001278630
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAAGCACTAGAATGTCTGCAGGGTTGGCCTTTGGCCTAAACCATTTCTAGCTATGGACTTGCCAGATG
 AGAGCCAGTGGGACGAAACCACCTGTGGCTTGGCTGTTTGTGAGCACCACAATGCTGGGCAACTATCCG
 CCGCATTGAGAGGGGCCATCCTCGAATCCTCGGCTCATCCTGCAAACTCCCCTGGATGCTGAAGATAAA
 CTCCCAGTGCTCACCGTGGTAGACATCTTAGATTCGGCTTTGCAGCTCATCATTACCAGAATGTACCT
 TTAATAAGGCCATTTCTTATTGTCTCAGAGTTCAAAGTTTTACTCCAAATTTTCAGTGTGAAATTTGAAT
 GGGTTTACCTGACAAAAGTTTGATCAACTGTACTAACAGACTTCCCAAATTTCCAGTGTGAAATTTGAAT
 GAGACGCAACTCCCTGCCCTGAAGATGTTAGAAATATGGTTGTATTGTGGATCCAGAAGAAACAGAGA
 TACATGTGAGCCAGCATGGGAAGAAGAAAAGAAAGAACTCGGCAGTGAAGCAAGTCATTTCTGGGTCT
 CTCTGGAATCAGTCCGACGAAACAGAGTAGGAACACCAGGGATGATCGTGCCTCCCCAACCCAGTG
 CAATTGTCTGAACAATTCAGTTCAGATTTCTACCTCTCTGGGCTCAATCCGAAGCGTTACCTCAGGATC
 TACTGAAGGAACTTTTGGCAGGTGGAAAGCAAACCATGCTCTGTCCAGAGATGAAGATAAAATTGGCCAT
 GATGAAAAGAATCTTCCCTTGGAAAAGAACCGACCTGACAGTGTGATTTCTTCTAAGATGTTTCTATCT
 ATACACCGCTCACCCCTGGAAAGACCAGCACTGCGATATCCTGAACGTTTGAAGAAATTACATAACCTGA
 AGACAGAAGGTTACAGGAAACAGCAGCAGCGGCAGCAGCAGCAGCAGCAACAGAAGAAGGTGAAAAC
 ACCTATTAAGAAACAGGAGGCTAAAAAGAAAGCAAGAGTGATCCAGGGATCCAGAGCACTTCACATAAA
 CATCCAGTTACCACCGTTCATGACCGTCTCTATGGTTACAGAACTCTGCCAGTCCAGAACAGTGCATGA
 AGCAGCAGCAGCAGATGGAAAAGGAACCACTTCGAAACAGGATCCACGGAGAGACCAAGATGAACTA
 CTATGACCATGCGGATTTCCACCACAGTGTAAAAAGTCTGAATTGTATGAAACAGAACCCTAACAAG
 GACATTAGTGCTCCAGTGGACGCTGTGCCAGAAGCCAGGCTGCCAGGCAAAAAGATCTCTTTAACT
 TTTCAGAAATTATGGCTAGCACAGGCTGGAACCTGAGCTCAAATACTTAGGATTCTTCAGGACTGTA
 TGATGAGGATGAGGAGGACCACTCTCTGGGCAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238472 representing NM_001278630
 Red=Cloning site Green=Tags(s)

MEALECCRVGLWPKPFLAMDLPDESQWDETTTGLAVCQHPQCWATIRRIERGHPRILGSSCKTPLDAEDK
 LPVLTVVDILDSGFAAHLHLLPECTFTKAHSLLSQSSKFYSKFHGRPPKGLPDKSLINCTNRLPKFPVNLN
 ETQLPCPEDVRNMVVLWIPEETEIHVSQHGKKRKNKNSAVKSKSFLGLSGNQSAGTRVGTGPMIVPPPTPV
 QLSEQFSSDFLPLWAQSEALPQDLLKELLPGGKQTMLCPEMKIKLAMMKNLPLEKNRPDSVISSKMFLS
 IHRLTLERPALRYPERLKKLHNLKTEGYRQQRQQRQQRQQRQQRQQRQQRQQRQQRQQRQQRQQRQQRQ
 HPVTTVHDRLYGYRTLPGQNSDMKQQQMEKGTTSKQDSTERPKMNYDHADFHHSVKSPELYETEPTNK
 DISAPVDVPEAQAARQKISFNSEIMASTGWNSLKLRLILQDDEDEEDQSSGAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

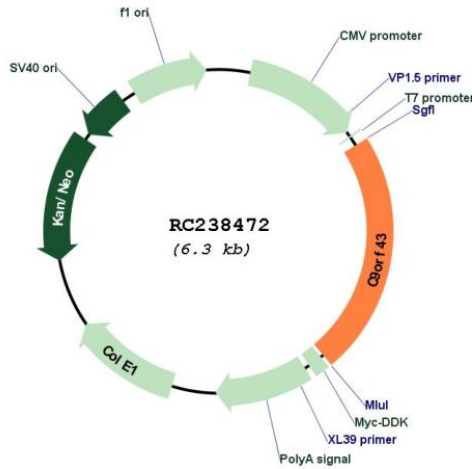
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001278630

ORF Size: 1437 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_001278630.2](#)

RefSeq Size: 1948 bp

RefSeq ORF: 1440 bp

Locus ID: 257169

Cytogenetics: 9q32

MW: 54.7 kDa