

Product datasheet for **RG203859**

C9orf43 (NM_152786) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C9orf43 (NM_152786) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C9orf43
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG203859 representing NM_152786 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTTGCCAGATGAGAGCCAGTGGGACGAAACCACCTGTGGCTTGGCTGTTTGTGAGCACCACAAT
GCTGGGCAACTATCCGCCGATTGAGAGGGGCCATCCTCGAATCCTCGGCTCATCTGCAAACTCCCCT
GGATGCTGAAGATAAACTCCCAGTGTCCACCGTGGTAGACATCTTAGATCCGGCTTGCAGCTCATCAT
TTACCAGAATGTACCTTTACTAAGGCCATTCTTTATTGTCTCAGAGTTCAAAGTTTTACTCCAAATTTCC
ATGGCAGGCCTCGAAGGGTTTACCTGACAAAAGTTTGATCAACTGTACTAACAGACTTCCCAAATTTCC
AGTGTGTAATTTGAATGAGACGCAACTTCCTGCCCTGAAGATGTTAGAAATATGTTGATTGTGGATC
CCAGAAGAAACAGAGATACATGTGAGCCAGCATGGGAAGAAGAAAAGAAAGAACTCGGCAGTGAAAAGCA
AGTCATTTCTGGGTCTCTCTGGAATCAGTCCGCAGGAACACGAGTAGGAACACCAGGGATGATCGTGCC
TCCCCAACCCAGTGAATTGTCTGAACAATTCAGTTCAGATTTCTACCTCTCTGGGCTCAATCCGAA
GCGTTACCTCAGGATCTACTGAAGGAACTTTGGCAGGTGAAAGCAAACCATGCTCTGTCCAGAGATGA
AGATAAAATTGGCCATGATGAAAAGAATCTTCCCTTGGAAAAGAACCAGCTGACAGTGTGATTTCTTC
TAAGATGTTTCTATCTATACACCGCTCACCTGGAAAGACCAGCACTGCGATATCCTGAACGTTTGAAG
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GAGCACTTCACATAAACATCCAGTTACCACCGTTCATGACCGTCTCTATGGTTACAGAATCTGCCAGGT
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GACCAAAGATGAACTACTATGACCATGCGGATTTCCACCACAGTGTAAAAAGTCTGAATTTGATGAAAAC
AGAACCCTAACAAGGACATTAGTGCTCCAGTGGACGCTGTGCCAGAAGCCAGGCTGCCAGGCAAAAAG
AAGATCTCCTTTAACTTTTCAGAAATTATGGCTAGCACAGGCTGGAACCTGAGCTCAAACCTACTTAGGA
TTCTTCAGGACTGATGATGAGGATGAGGAGGACCAGTCTCTGGGGCAGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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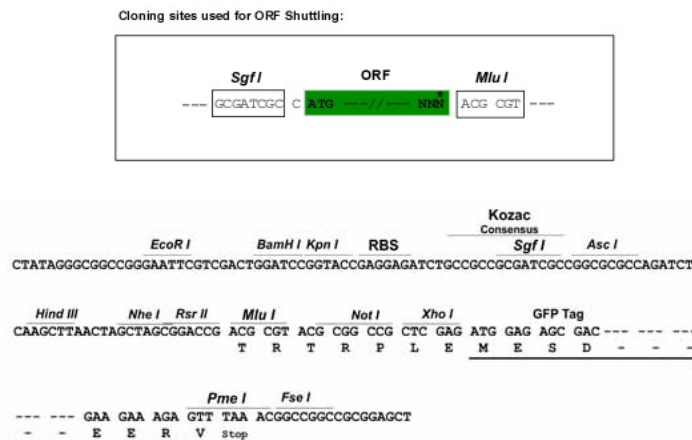
Protein Sequence: >RG203859 representing NM_152786
Red=Cloning site Green=Tags(s)

MDLPDESQWDETTCLAVCQHPQCWATIRRIERGHPRILGSSCKTPLDAEDKLPVLTVVVDILDSGFAAHH
 LPECTFTKAHSLLSQSSKFYSKFHGRPPKGLPDKSLINCTNRLPKFPVLNLNETQLPCPEDVRNMVVLWI
 PEETEIHVSQHGKKRKNNAVKSKSFLGLSGNQSAGTRVGTGPMIVPPPTPVQLSEQFSSDFLPLWAQSE
 ALPQDLLKELLPGGKQTMLCPEMKIKLAMMKNLPLEKNRPDVSISSKMFLSIHRLTLERPALRYPERLK
 KLHNLKTEGYRQQQRQQQQQQKVKTPIKKQEAKKKAKSDPGIQSTSHKHPVTTVHDLRYGYRTLPG
 QNSDMKQQQMEKGTTSKQDSTERPKMNYDHADFHHSVKSPELYETPTNKDISAPVDAVPEAQAARQK
 KISFNFSSEIMASTGWNSLKLRLILQDDEDEEDQSSGAE

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152786

ORF Size: 1383 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_152786.3](#)

RefSeq Size: 2099 bp

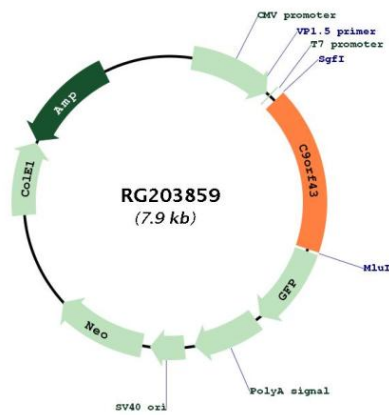
RefSeq ORF: 1386 bp

Locus ID: 257169

UniProt ID: [Q8TAL5](#)

Cytogenetics: 9q32

Product images:



Circular map for RG203859