

Product datasheet for **RC232691**

C19orf47 (NM_001256440) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C19orf47 (NM_001256440) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C19orf47
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC232691 representing NM_001256440 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTTATGGCCGCACTCTCGTGGTGGCGCCTGTTGGGGTAGAGCGGCCGCGGACGAGTCAAGTTCAGC
TTCCGGCGGCTCCAGGGAGCAGTGTCCAGGGCAGGGAGACGATGGTCTCCGTGACTATGCCACTTCCGA
GTGGATCCAGTCTTTAAGGAAGCCGGCATTCTCCAGGACCTGCCGTCATTATGCCGTGATGTTTGTG
GATAATAGGATTCAGAAGAGCATGCTGCTGGATCTCAATAAGGAGATAATGAATGAGCTGGCGGTACCG
TGGTGGGTGACATCATCGCCATTCTCAAGCATGCCAAAGTGGTGCACCGTCAGGACATGTCAAAGCTGC
CACTGAGTCAGTACCCTGCAGCCCTAGCCCCCTTGCAGGCAGAAATTCGCCGTGGCACCAGTCTGCCTCC
CGAATGATCACCAACAGCCTGAACCATGACTCTCCACCCAGCACACCCCCAGGCGCCGGACACCAGCA
CCTCCAAGATCTCGGTCACTGTGTCCAACAAGATGGCAGCAAAGAGTGCCAAGGCCACTGCAGCCCTGGC
CCGCCGGGAGGAGAGCCTGGCTGTTCTGCCAAGCGCGCCGGTCACTGCTGAGATGGAGGGGAAG
TACGTCAACAATGCCAAAGGCACCACCCCCGACCCGCAAGATCCTGGAGCAGCAGCAGGCTGCAA
AAGGTCTCCATAGGACGTCTGTGTTGACCGCCTCGGCGCGGAGACCAAGGCAGACACCAGCAGGGAG
TAAACCCACAGGAGTCTTCAGCCGCTGGGGGCCACCCAGAAACGGACGAGGATCTGGCTTGGGACAGC
GACAATGACAGCAGCAGCTCTGTCTTGCAGTATGCCGGGGTCTGAAGAAGCTAGGACGGGGCCAGCCA
AGGCCAGTCCCCAGCCAGCACTGACTGTCAAAGCCAAGGCCACAAGCTCAGCGACAACGGCTGCTGCCCC
GACTGCGGGCCTGGCGCTTCTCACGGTCTGGGCTTGGAGAGGAAGCCGGAGTCTTGTCTAAAGTC
AGCATCATCAAGAGACTGGGCGCAGTGCCTTGTGCCGAGGCCAGGACAGCCAGGTCAACAGCACCA
AGAGTAAGTCTCAGCCGAGGTCAAGGTACCATTAAAGAGGACTCTGGTGGGGCCCCGGGGAGCAGCTC
CAGCGAGGGCCTTGGTGGCCAGATGGACCACCGGGCACTGTGAGCGTGTCAAAGACTGGGCCGAGG
ACCTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC232691 representing NM_001256440
Red=Cloning site Green=Tags(s)

MVMAALSLVAACWGRAAADESVQLPAAPGSSVRARETMVSVTMTATSEWIQFFKEAGIPPGPAVNYAVMFV
 DNRIQKSMLLDLNKEIMNELGVTVVVDIIAILKHAKVVHRQDMCKAATESVPCSPPLAGEIRRGTSAAS
 RMITNSLNHDSPPSTPPRRPDTSTSKISVTVSNKMAAKSAKATAALARREESLAVPAKRRRVTAEMEGK
 YVINMPKGTTPRTRKILEQQQAAGLHRTSVFDRLGAETKADTTGSKPTGVFSRLGATPETDEDLAWDS
 DNDSSSVLQYAGVLKKLGRGPAKASPQALTVKAKATSSATTAAPTLLRRLALSSRSGLERKPESLSKV
 SIIKRLGAAALVPEAQDSQVTSTKSSSAEVKVTIKRTL VGPRGSSSSEGLGAQMDHAGTVSVFKRLGRR
 TF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

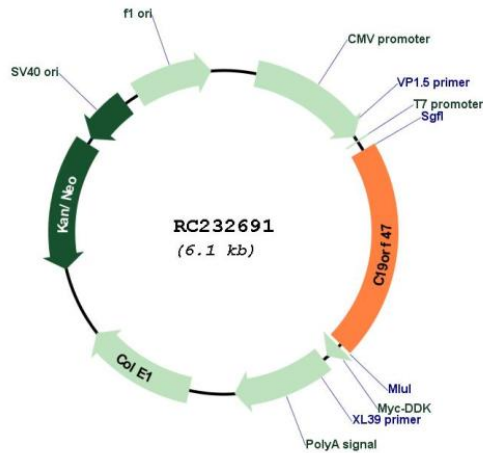
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001256440
ORF Size:	1266 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_001256440.1 , NP_001243369.1
RefSeq Size:	2104 bp
RefSeq ORF:	1269 bp
Locus ID:	126526
UniProt ID:	Q8N9M1
Cytogenetics:	19q13.2
MW:	45.2 kDa