OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC239461

KIAA1958 (NM_001287036) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA1958 (NM_001287036) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KIAA1958
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

ORF Nucleotide Sequence:

>RC239461 representing NM_001287036
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGATTGTCTTCATACCTCATCTGAGAATCTGTCCAAATTGGTCAGCTGGGCCCATAGCCATGGGA
CTATTTGCAGCCTCATTCCAAACCTGAAACACTTGCTTTCTGAAGGTTCCCATGGGAACCTGACAGCAAT
GTGGGGCTGTAGTGCTGGCCATGCTTATCACTGGCCACTAACAGCTACTTGCAGAGCTGGGTCCCAAGAG
AGGGTCTGTTTCCAGGATAACAGAAGTTTTAACTCTGATAGTCCCAGTATAATCGGGGTGCCCTCTGAGA
CACAGACTAGCCCTGTTGAAAGGTACCCTGGGAGACCAGTGAAAGCAAAGCTAGACTGTAACCGGACCAG
AGACTCTTGTGACTTCTCCTACTGTAGTGAGCCCTCTGAACTGGATGAAACTGTTGAAGAATATGAAGAT
GAGAACACCCTGTTTGACATGGTTTGTGAGTCTTCTGTTACAGATGAGGATAGTGACTTTGAACCCCAAA
CCCAAAGGCCTCAAAGCATTGCTCGCAAAAGACCTGGGGTAGTCCCATCTTCCCTCCATTCAAGCTCCCA
GACGCAGATGGTTGACGAATGCAGCAATGATGTCATCATCAAGAAAATCAAACAAGAAATCCCCGAAGAT
TATTACATTGTGGCAAATGCAGAACTGACAGGAGGAGTAGATGGACCAGCCCTGTCCTTGACACAGATGG
CAAAACCCAAGCCTCAGACTCACGCTGGTCCCTCCTGTGTAGGGTCTGCTAAACTGATTCCCCATGTCAC
ATCTGCCATCAGCACGGAGCTAGACCCACACGGTATGTCTGCATCCCCCTCTGTGATCTCCAGACCAATT
GTCCAGAAGACTGCTAGGGTATCTCTGGCTTCACCAAACAGAGGACCCCCTGGTACACATGGCACCAACC
AACAGGTGGCCATGCAAATGCCTGTGAGCACATCCCATCCTAACAAACAGATCAGTATCCCCTTGTCTGC
CCTGCAGCTGCCTGGACAGGATGAGCAAGTTGCCTCTGAAGAGTTCCTGTCCCATCTGCCCAGCCAGGTC
TCCTCCTGTGAGGTAGCCCTTTCTCCCTCAGTTAACACAGAGCCAGAAGTGAGCTCCAGTCAGCAGCAGC
CCCCAGTCGCTCCAGCCATAACCACTGAGGCCACAGCACAGTGCATACCAGACCAGGATGAAAGAGCAGC
TGAGCTCAGCAGGGAGCAGAACGAGAAAACCATCCGGAGCACGCAGACCGCGCTCCGCAATTTCCCTTAT
TCCACTAAGCTCAACAAATTTCCTGTATTTAATATTAATGATGACTTGAATGATCTGTGTACCAGTGCAG
TAAGCCCAAATACTACCAAAGCCACGCGGTACGCCTTGAATGTGTGGCGTTATTGGTGCATGACCAACGG
GCTCAAAGACCACACAGACATCACCAAGATCCCTGCAGTGAAGTTGAACGAGCTGCTCGAGAACTTTTAT
GTCACCGTCAAGAAGAGCGACGGCTCGGACTTCCTGGCCACCTCGCTCCATGCTATTCGCCGAGGCCTGG
ACCGCATCCTGAAGAATGCAGGTGTCGGCTTTTCCATCACCAGCAGCACCTTCAGCTCCTCCACCAAGAA
ACTCAAGGAGAAGCTGTGGGTGCTGAGTAAGGCAGGCATGTCGGGCGCGCGTTCTCGCAACATCGTCTAC
TTCTCCCTTTCTGACGAGGAGGAGATGTGGCAGGCAGGGTGTCTGGGGGATGACAGCCCTATCACTCTCC
TGTCCACTGTGGTCAAGTACAACAGCCAGTACCTGAACATGCGGACGCTGCAGGAGCATGCGGATCTGAT
GTATGGTGACATCGAGCTGCTCAAAGACCCCCAAAACCAGCCCTACTTTGCCCGGACGGACAGCGTCAAG
CGGGAGAGTCGGAGCGGCTCCACCAGAGTGTGTCACGGGAAGATCTACCATGAGCATTCCCGGGGACACA
AACAGTGCCCTTACTGCCTCCTCTACAAGTACATGTACATCCACCGGCCGCCCACCCAAATGGAGGCCAA
GTCCCCCTTCTACCTGACTGCCAGGAAGGAGGCCACAGACATGGGCAGCGTGTGGTATGAGGAGCAGAGG
ATGGGGCTGCGCTCTCTTCGGGGAATTGTCCCAAACTTAGCCAAGAAGGTCAAGCTGGAAAACTGTGAGA
ACTTCACCTTTGTCTCGTTCACTCAGGTCTCCCGGAGGCTTGGCTCCCACAGCTGCTGCCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

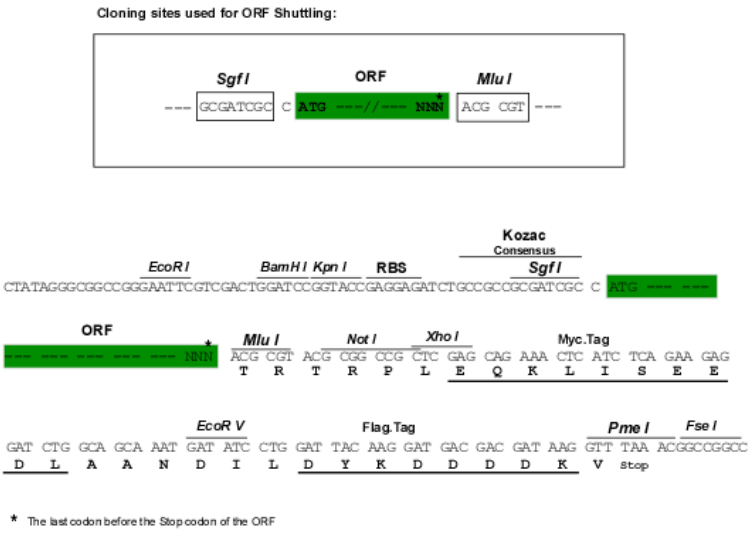
>RC239461 representing NM_001287036
Red=Cloning site Green=Tags(s)

MEDCLHTSSENLSKLVSWAHSHGTICSLIPNLKHLLSEGSHGNLTAMWGCSAGHAYHWPLTATCRAGSQE
RVCFQDNRSFNSDSPSIIGVPSETQTSPVERYPGRPVKAKLDCNRTRDSCDFSYCSEPSELDETVEEYED
ENTLFDMVCESSVTDEDSDFEPQTQRPQSIARKRPGVVPSSLHSSSQTQMVDECSNDVIIKKIKQEIPED
YYIVANAELTGGVDGPALSLTQMAKPKPQTHAGPSCVGSAKLIPHVTSAISTELDPHGMSASPSVISRPI
VQKTARVSLASPNRGPPGTHGTNQQVAMQMPVSTSHPNKQISIPLSALQLPGQDEQVASEEFLSHLPSQV
SSCEVALSPSVNTEPEVSSSQQQPPVAPAITTEATAQCIPDQDERAAELSREQNEKTIRSTQTALRNFPY
STKLNKFPVFNINDDLNDLCTSAVSPNTTKATRYALNVWRYWCMTNGLKDHTDITKIPAVKLNELLENFY
VTVKKSDGSDFLATSLHAIRRGLDRILKNAGVGFSITSSTFSSSTKKLKEKLWVLSKAGMSGARSRNIVY
FSLSDEEEMWQAGCLGDDSPITLLSTVVKYNSQYLNMRTLQEHADLMYGDIELLKDPQNQPYFARTDSVK
RESRSGSTRVCHGKIYHEHSRGHKQCPYCLLYKYMYIHRPPTQMEAKSPFYLTARKEATDMGSVWYEEQR
MGLRSLRGIVPNLAKKVKLENCENFTFVSFTQVSRRLGSHSCCQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001287036

ORF Size: 2232 bp

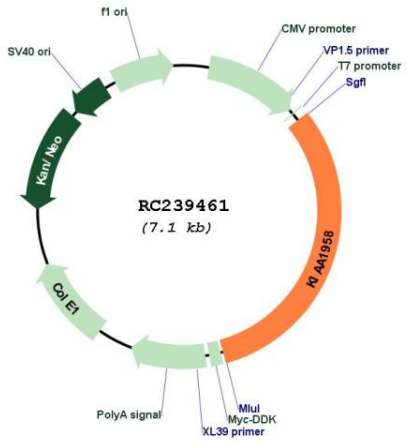
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001287036.1, NP_001273965.1
RefSeq Size:	7659 bp
RefSeq ORF:	2235 bp
Locus ID:	158405
UniProt ID:	Q8N8K9
Cytogenetics:	9q32
MW:	83 kDa

Product images:



Circular map for RC239461