

Product datasheet for **RC238868**

C16orf9 (FAM234A) (NM_001284497) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C16orf9 (FAM234A) (NM_001284497) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C16orf9
Synonyms:	C16orf9; gs19; ITFG3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC238868 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTGGACCACAAGGACTTAGAGGCCGAAATCCACCCCTTGAAAAATGAAGAAAGAAAATCGCAGGAAA
 ATCTGGGAAATCCATCAAAAAATGAGGATAACGTGAAAAGCGCGCTCCACAGTCCCGGCTCTCCGGTG
 CCGAGCGCGCGCTTTTTCTTTTATTGTTTCTCTGCCTTTTTGTGGTGTTCGTCGCTCATTTCGCATC
 CCGTGTCCAGACCGCGCGCTCACAGCGAATGTGGAGGATAGACTACAGTCCCGCTGTTATCTATGACT
 TTCTGGCTGTGGATGATAAAACGGGGACAGGATCCAAGATGTTCTTTTTCTTTATAAAAACACCAACAG
 CAGCAACAATTTAGCCGATCCTGTGTGGACGAAGGCTTTTCTCTCCCTGCACCTTTGCAGCTGCTGTG
 TCGGGGGCAACGGCAGCAGCTCTGGGAGAGACCTGTGGCCCAAGACGTGGCCCTCGTGGAGTGTGCTG
 TGCCCCAGCCAAGAGGCAGTGAGGCACCTTCTGCCTGCATCCTGGTGGGACAGCCAGTTCTTTTATTGC
 AGTCAACTTGTTACAGGGGAAACCTGTGGAACACAGCAGCAGCTTCAGCGGGAATGCGTCCATCCTG
 AGCCCTCTGCTGACGGTGCCTGATGTGGACGGCGATGGGGCCCCAGACCTGCTGGTTCTCACCCAGGAGC
 GGGAGGAGGTTAGTGGCCACCTCTACTCCGGCAGCACCGGGCACCAGATTGGCCTCAGAGGCAGCCTTGG
 TGTGGACGGGAAAGTGGCTTCTCTTACAGTACCAGGACAGGTGCCACTACATCCTTTCCCTGC
 GCAAGCTCCCTCTGCGGCTGCTCTGTGAAGGTCTCTACGAGAAGGTGACCGGGAGCGCGGCCGTTCA
 AGAGTGACCCGCACTGGGAGAGCATGCTCAATGCCACCACCCGAGGATGCTTTCCACAGCTCTGGAGC
 AGTGGCTACCTGATGCATGTCCAGGGAACCGCGGTGCAGATGTGCTTCTTGTGGGCTCAGAGGCCCTC
 GTGCTGTGGACGGGACGAGCTGACGCTCGCTGGACACCAAGGCAGCCATGTCTGAGAAAACCCA
 TCTTCGGCCGCTACAAACCAGACACCTTGGCTGTAGCCGTTGAAAACGGAAGTGGCACGACAGCAGAT
 CCTGTTTTCTGGACCTTGGCACTGGAGCCGCTGTGTAGCCTAGCCCTCCCGAGCCTCCCTGGGGTCCA
 CTGTCCGCCAGCCTGCCACCGCAGACCACCGCTCAGCCTTCTTCTTCTGGGGCTCCACAGACTGGGGA
 GCACCAGCGAGACGGAGACCGGGAGGCCCGGCACAGCCTGTACATGTTCCACCCACCCTGCCGCGCT
 GCTGCTGGAGCTGGCAAATGTCTCTACCACATTGTGCCTTTGACGCGCTCCTGTTTGGAGCAAGCCGC
 CACGCCGCTACATCCTTCTGACAGGCCCGGCAGACTCAGAGGCACCCGGCCTGGTCTCTGTGATCAAGC
 ACAAGGTGCGGGACCTTGTCCAAAGCAGAGGGTGGTCCGCTGGGTGAGGTTGGCCAGACAGTGACCA
 AGCCATCAGGGACCGGTTCTCCCGCTGCGGTACCAGAGTGAGGCG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238868 protein sequence
 Red=Cloning site Green=Tags(s)

MLDHKDLEAEIHPLKNEERKSQENLGNPSKNEENVKSAPPQSRLSRCRAAFFLSLFLCLFVVFVSVFVI
 PCPDRPASQRMWRIDYSAVIYDFLAVDDINGDRIQDVLFLYKNTNNSNNFSRSCVDEGFSSPCTFAAAV
 SGANGSTLWERPVAQDVALVECAVPQPRGSEAPSACILVGRPSSFIAVNLFTGETLWNHSSFSGNASIL
 SPLLQVPDVGDPDLLVLTQEREVSGHLYSGSTGHQIGLRGSLGVDGESGFLLVHTRTGHAHYILFPC
 ASSLCGCSVKGLYEKVTGSGGPFKSDPHWESMLNATRRMLSHSSGAVRYLMHVPGNAGADVLLVGSEAF
 VLLDQGELTPRWTPKAAHVLKPKIFGRYPDTLAVAVENGTGDRQILFLDLGTGAVLCSLALPSLPGGP
 LSASLPTADHRSAFFWGLHELGSTSETETGEARHSLYMFHPTLPRVLELANVSTHIVAFDAVLFEPSR
 HAAYILLTGPADSEAPGLVSVIKHKVRDLVSSRVVRLGEGGPDSDQAIRDRFSRLRYQSEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6305_c06.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001284497

ORF Size: 1656 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_001284497.2](#)

RefSeq Size: 3217 bp

RefSeq ORF: 1659 bp

Locus ID: 83986

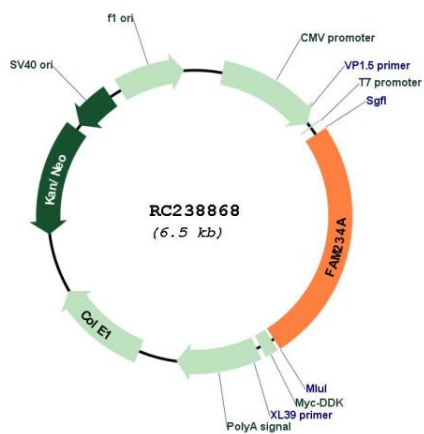
UniProt ID: [Q9H0X4](#)

Cytogenetics: 16p13.3

Protein Families: Transmembrane

MW: 59.7 kDa

Product images:



Circular map for RC238868