

Product datasheet for **RC218714**

C15orf33 (FAM227B) (NM_152647) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C15orf33 (FAM227B) (NM_152647) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C15orf33
Synonyms:	C15orf33
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC218714 representing NM_152647
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAGGCCAACGAACATGTCAAAGGAGGAGCAGCAGAGCTGGCCCCGGAAAAATGCAAGAACCTCCAA
 AGAGCATTGAAGAATTCTTAAAGTTTCAAATTTGGGATTATTGGCCAAGGAAATCCATTTTAGAGATGA
 TGATAAATGGTCATGCACTCTGAAAAAATAAAAGAAGATAGTTCATTTGTTTCAATTTATACACACCTA
 TGGGAAAAATGTTCTCGAATATTTGAAGCACTTTTGTATCATGGAATCAAATTAAGGAATATCACTTA
 TTTTGCAAACCACCTCTGAAATATTTAAGTGGAAAAGCATGATTTCTGAGACAAGTTCTTATAGAAA
 ATTGGAACGATATGGGAATTTCTAAAGAAGTACCATAAGAAAAAAGATAATGCTTTCAGATGAAATG
 GAGACAGAGAAGAATATAGAGGGTTGCAGCTTACAGGATTCAAAGCAAATGAACCTACTCAGCTACCCA
 GACATTTGGATGCTGAACAAATTTATCTTTTTATTTAAAAGCCATAATTTTGATGAAAGAGTTTTTAA
 AATCTGGAAGACTCATTTTCTCTCAGAAGCTCCATTGCTTTTTGCATGACTCCTTTTGGTGGTGGTTT
 CTCATAAATTTAGGCCCTGACAGAGAAAACCAAGATTGCTTATTCGATAGAATTTAGAAAAGTTATGTGA
 CACTTTTCATGAGCATACCTCTAAGTCGAAAGGATGCATTTTTTTCAGATATATCCTGATTGTTTGGCACA
 AGCCATATATGCAACGTTCCATGAAGCATTTCCAGAATCGAGTTACCTCTTTAATGATGAATTTAAAGAA
 GATCTAGGGAATAACATTTTCTTTGGTGTTCAGGTTTAAAACCTCAAAAAGGCTTTTGGATCCACTGGA
 AACTGAAAGAAGCTCCACAACCACCATTCATGGTAGCAAAAAGCACCTGCAAAATCAGTAAAGGAAAG
 AATTGCAGACAGTCAAGAACATATCAACTAGTATCGACTTCAATATTATAAGATTCTGAACAACCCA
 AGAGCATATACGTTGCCATATCCAAGGAAGAATCAAGATTATCAAGACTAGCAACAAAGTCGCACTATA
 GTAGTACTGGTCCAGAGTTAATCGTGTCTCTTCAATTTTGGAGGTGAGAGTCCATTGATTTTATATTA
 TCTTAAGATGCATGAGCTGGCTGGTATTTCCAAAAGCACCTAAGAAAACCAAGATTAAGTCACTAAGATA
 TTCCAGGAACCACTACCTGCTCCACATACCGTATGTTATAAAGGAGGCAAAAAGACAATTTGCAAGGA
 ACCAAAAGGATTTTAGGATACTCCAAGCAAAGGCTACCAAGAAACCTCATGAAGTAAACAGGACTTTGA
 GAAGTTCTACATAAACTGCGTTCGAAGCTGAAATTGAGAGAGAATGTGTGGCATCACTATCGTCATCA
 TCATCATCATCACCATCATCAACAGACAACACTACAACCTTTGAGGAAGAAGAATAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC218714 representing NM_152647
 Red=Cloning site Green=Tags(s)

MAGQRTCQRSSRAGPGKMQEPPKSIIEEFLKFQNWDPREIHFRRDDKWSCTLKKIKEDSSFVSIYTHL
 WENVPRIFEALLIMESKLEKEYSLILQNHTSEIFKWKSMISETSSYRKLERYGEFLKYYHKKKIMLSDEM
 ETEKNIIEGCSFTGFKANELTQLPRHLDAEQIYLFILKAHNFDERVFKIWKTHFLSEASIALLDHDFWWW
 LHKFRPDRENQDCLFDRISESYVTLFMSIPLSRKDAFFQIYDCLAQAIYATFHEAFPESYLFNDEFKE
 DLGNNIFLWCSGLKPKQGFWIHWLKLSTTTIHGSKKAPAKSVKERIADSQEHISTSIDFNIKILNNP
 RAYTLPISKEESRLSRLATKSHYSSTGPEFNRLFNFGGQSPLILYYLKMHELAGISKAPKTKIKLTKI
 FQEPLPAPTYRDIKEAKRQFARNQKDFRILQAKATKKPHEVKQDFEFLHKLRSSEAIERECVASLSS
 SSSSPSSDNYNFEEEEY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8020_g06.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_152647

ORF Size: 1524 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_152647.3](#)

RefSeq Size: 1990 bp

RefSeq ORF: 1527 bp

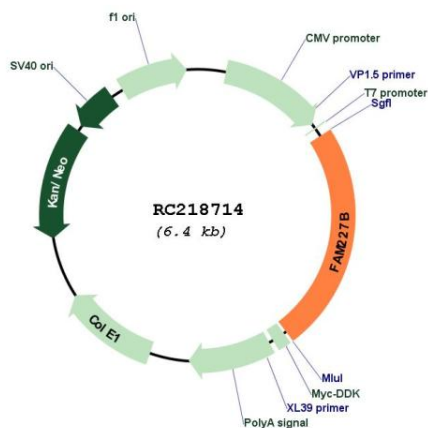
Locus ID: 196951

UniProt ID: [Q96M60](#)

Cytogenetics: 15q21.2

MW: 59.8 kDa

Product images:



Circular map for RC218714