

## Product datasheet for **RC216733**

### **FAM163B (NM\_001080515) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** FAM163B (NM\_001080515) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** FAM163B  
**Synonyms:** C9orf166  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC216733 representing NM\_001080515  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACAGCCGGGACCGTGGTCATCACCGGGGCATCTTGGCGACTGTGATTTTGCTCTGCATCATCGCTG  
TTCTGTGCTACTGCCGGCTCCAGTACTGCTGCAAGAAGGACGAGTCGGAGGAGGACGAGGAGGAACC  
AGACTTCGCCGTTCACTCGCACCTGCCCGCTGCACTCAACCGCAACCTGGTCTGACCAACGGGCCG  
GCGCTTACCCACCGCCTCCACCTCCTCAGCCAGAAGTCCCCGAGGCCCGCCCTCTGCCGACGT  
GCTCCACTGCGAGCCCCCACCTTCTTCTGCGAGGAGCCCGGAGGAGGAAGAGGACGTCTGAACGG  
CGGGGAGCGCGTCTCTACAAGAGCGTGAGCCAGGAGGACGTGGAGCTGCCCCCGGGGGCTTCGGGGG  
CTGCAGGCGCTCAACCCAACCGCTCTCAGCCATGCGGGAGGCCTTCGCCAGGAGCCGACGATCAGCA  
CCGACGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC216733 representing NM\_001080515  
**Red=Cloning site Green=Tags(s)**

MTAGTVVITGGILATVILLCIIAVLCYCRLLQYYCCKKDESEEEEDPDFAVHSHLPLHSNRNLVLTNGP  
ALYPTASTSFSQKSPQARALCRSCSHCEPPTFFLQEPPEEEEDVLTNGGERVLYKSVSQEDVELPPGGFGG  
LQALNPRLSAMREAFARSRISTDV

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk8005\\_e10.zip](https://cdn.origene.com/chromatograms/mk8005_e10.zip)



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_001080515

ORF Size: 498 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\\_001080515.3](#)

RefSeq Size: 501 bp

RefSeq ORF: 501 bp

Locus ID: 642968

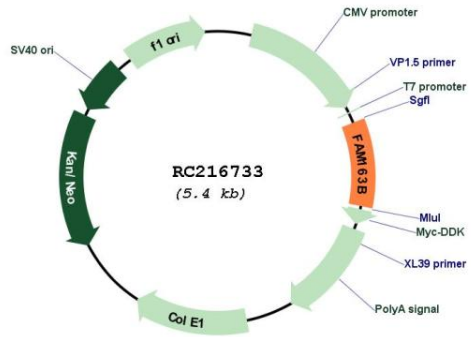
UniProt ID: [P0C2L3](#)

Cytogenetics: 9q34.2

Protein Families: Transmembrane

MW: 18 kDa

**Product images:**



Circular map for RC216733