

Product datasheet for **RC229643**

C9orf25 (FAM219A) (NM_001184941) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C9orf25 (FAM219A) (NM_001184941) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C9orf25
Synonyms:	C9orf25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC229643 representing NM_001184941 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGGAGGAGATCGACCGGTTCCAGGTGCCACCGCGCACTCGGAGATGCAGCCGCTGGACCCAGCCG
CCGCCTCCATCTCTGACGGAGACTGTGACGCCCCGGGAGGGTGAGTCAGTAGCCATGAATTACAAACCATC
CCCGCTCCAAGTGAAGCTGGAGAAGCAGCGGGAGCTGGCCCGAAGGGCTCCCTGAAGAATGGCAGCATG
GGTAGCCCTGTCAACCAGCAACCCAAGAACAATGTCATGGCCGAACAAGGCTGGTCGTCCCCAATA
AAGGCTACTCCTCACTTGACCAGAGCCCTGATGAGAAGCCACTGGTAGCCCTTGACACGGACAGCGATGA
TGACTTTGACATGTCTAGATACTCCTCCGGCTACTCCTCTGCTGAGATCAACCAAGATTTGAACATC
CAGCTGCTGAAGGACGGCTACCGGTTAGATGAGATCCCCGACGACGAGGACCTAGACCTCATCCCCCA
AGTCCGTGAACCCACGTGCATGTGCTGCCAGGCCACGTCCTCCACCGCTGCCACATTCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC229643 representing NM_001184941 Red=Cloning site Green=Tags(s)
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MMEEIDRFQVPTAHSEMQPLDPAAASISDGDCDAREGESVAMNYKPSPLQVKLEKQRELARKGSLKNGSM
GSPVNQQPKNNVMARTRLVVPNKGYSSLDQSPDEKPLVALDTSDDDFDMSRYSSSGYSSAEINQDLNI
QLLKDGYRLDEIPDDELDLIPPKSVNPTCMCCQATSSTACHIQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:	Sgfl-MluI
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Cloning Scheme:



ACCN: NM 001184941

ORF Size: 552 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_001184941.2

RefSeq ORF: 555 bp

Locus ID: 203259

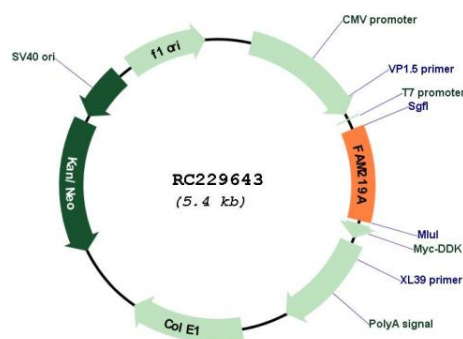
UniProt ID: O8IW50

Cytogenetics: 9p13.3

MW: 20.7 kDa

Gene Summary: The protein encoded by this gene has homologs that have been identified in mouse, macaque, etc organisms. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Dec 2010]

Product images:



Circular map for RC229643