

## Product datasheet for RC229635

### C9orf25 (FAM219A) (NM\_001184942) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C9orf25 (FAM219A) (NM_001184942) 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:	>RC229635 representing NM_001184942 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGATGGAGGAGATCGACCGTTCCAGGACCCAGCCGCCCTCCATCTCTGACGGAGACTGTGACGCC  
 GGGAGGGTGAGTCAGTAGCCATGAATTACAAACCATCCCCGCTCCAAGTGAAGCTGGAGAAGCAGCGGGA  
 GCTGGCCCGGAAGGGCTCCCTGAAGAATGGCAGCATGGGTAGCCCTGTCAACCAGCAACCAAGAAGAAC  
 AATGTCATGGCCGAACAAGGCTGGTCGTCCTCCCAATAAAGGCTACTCCTCACTTGACCAGAGCCCTGATG  
 AGAAGCCACTGGTAGCCCTTGACACGGACAGCGATGATGACTTTGACATGTCTAGATACTCCTCCTCCGG  
 CTACTCCTCTGCTGAGATCAACCAAGATTTGAACATCCAGCTGCTGAAGGACGGCTACCGGTTAGATGAG  
 ATCCCCGACGACGAGGACCTAGACCTCATCCCCCAAGTCCGTGAACCCACGTGCATGTGCTGCCAGG  
 CCACGTCTCCACCGCCTGCCACATTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC229635 representing NM_001184942 Red=Cloning site Green=Tags(s)
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MMEEIDRFQDPAAASISDGDAREGESVAMNYKPSPLQVKLEKQRELARKGSLKNGSMGSPVNQQPKKN  
 NVMARTRLVVPNKGYSLLDQSPDEKPLVALDTSDDDFDMSRYSSSGYSSAEINQDLNIQLLKDGYRLDE  
 IPDDEDLDLIPKSVNPTCMCCQATSSTACHIQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:	Sgfl-MluI
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## Cloning Scheme:



ACCN: NM\_001184942

ORF Size: 519 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\\_001184942.2](#)

RefSeq ORF: 522 bp

Locus ID: 203259

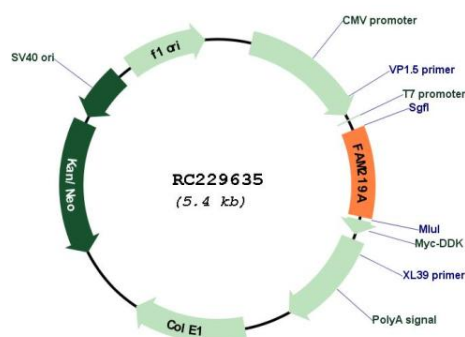
UniProt ID: [Q8IW50](#)

**Cytogenetics:** 9p13.3

**MW:** 19.5 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 RC229635