

Product datasheet for **RC229803**

C5orf35 (SETD9) (NM_001171990) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C5orf35 (SETD9) (NM_001171990) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C5orf35
Synonyms: C5orf35
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC229803 representing NM_001171990
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTGGCCGTCTGCTGCGGGCCTGTGGCAGCGATGGCGCCGTTACAAGTACCGCTTCGTTCCCTGGA
 TCGCACTGAACCTAAGCCACAACCCGAGGACCCTCCGATATGTTCCAGAGGAATCCAAAGACAAAGTTAT
 CTCAGATGAAGATGTCTAGGAACACTACTGAAAGTTTTCCAGGCTCTATTCTTAAATGATTTCAATAAA
 CAATCAGAAATCTTGCTATGCTTCCAGAATCTGTTAAATCAAAATATCAAGACCTACTGGCAGTTGAAC
 ATCAAGGGGTGAACTGCTTGAACAGACATCAACAGCAAAGTACCTTTAAACCAGAAGAAATCTTTA
 CAAGACTTTGGGTTTCAGTGTTGCCAAGCAACTAGCTCATTGATTTCTGCTGAAAAGGTGCTTCGTT
 ACTAAAGGATTGGTACAAAAGGCGCAGTCGTATCTATGTATCCTGGTACAGTATATCAGAAGTATGAGC
 CGATCTTTTTCCAGTCCATTGGAATCCGTTTATTTTTAGATGCCTGGATGGGGTACTCATTGATGGGAA
 TGACAAAGGGATATCAAAAGTTGTACAGATCTTGAATGGGAGGGATCGACTCGGCCCTTTAAAAATG
 AGTGATAGTACATGGCTAACGTCAGAAATTCATAACCCCTGGCTGTGGGACAGTATGTCAACAATTGTT
 CCAATGACAGAGCAGCTAATGTCTGTTATCAGGAATTTGATGTGCCTGCAGTTTTCCCTATAGAAGTAA
 GCAGTATCTTCAAACATTGCCTACAGCTATGACAAACAAAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC229803 representing NM_001171990
 Red=Cloning site Green=Tags(s)

MPGRLLRGLWQRWRRYKYRFVPWIALNLSHPRTLRYVPEESKDKVISDEDVLTLLKVFQALFLNDFNK
 QSEILSMLPESVKSKYQDLLAVEHQGVKLENRHQQSTFKPEEILYKTLGF SVAQATSSLISAGKGVFV
 TKGLVPKGA VSMYPGT VYQKYEP IFFQSIGNPFIFRCLDGLVIDGNDKGISKVVYRSCNGRDRLGPLKM
 SDSTWL TSEIHNPLAVGQYVNNCSNDRAANVCYQEFDVP AVFP IELKQYLPNIAYSYDKQR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8048_d08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001171990

ORF Size: 813 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_001171990.3](#)

RefSeq ORF: 816 bp

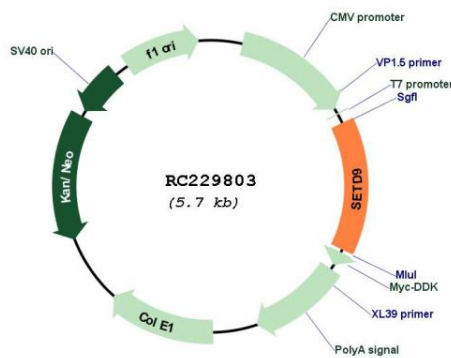
Locus ID: 133383

UniProt ID: [Q8NE22](#)

Cytogenetics: 5q11.2

MW: 31.4 kDa

Product images:



Circular map for RC229803