

Product datasheet for **RC207998**

FAM190A (CCSER1) (NM_207491) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM190A (CCSER1) (NM_207491) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FAM190A
Synonyms:	FAM190A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC207998 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGGGGACTCAGGATCAAGACGATCTACCTGGTCTCCCGTTGCCAATATTCAGAAGAAGTATTAACA
GAAGACATGATTCTTCTCTTCCACCTTCTCCAGTAATACAGTTGGTGTCCACAGTTCCTCTCCTTC
CAGCACTAACTCAAGCTCAGGTAGCACAGGTAAACGGAGGAGCATATTCGTAATCCTTCCATTAGCTTC
CACCATAAGAAGGGGAGTGAGCCTAAGCAAGAGCCTACCAACCAGAACCTTAGTATTTCAAATGGTGCTC
AACCTGGTCACAGCAATATGCAGAACTGAGTTTGAAGAACATATTAAGACCAGGGGAAGACATTTCTGT
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CCACGTCACTTCTGTAGTCTCTTACTGAAGAGCCAGTGCCTTTCAAGACCACATACCCTAGGGAATT
C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RC207998 protein sequence
 Red=Cloning site Green=Tags(s)

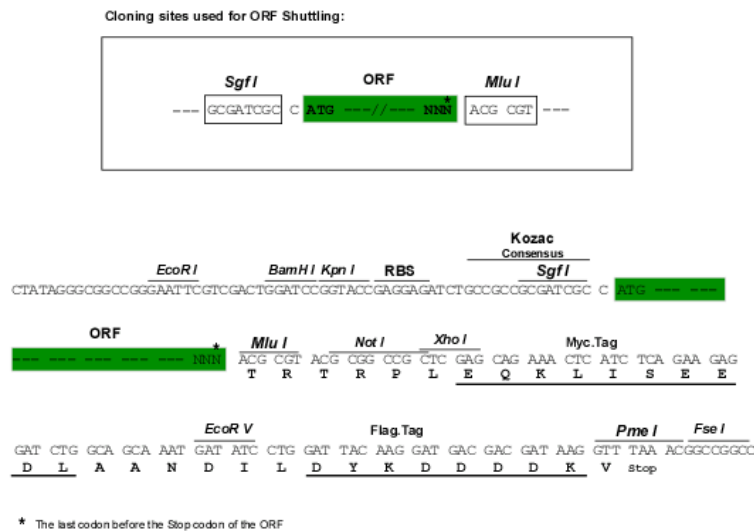
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 LEVTQYQEREPVLVRASPCSDVTERAGSSLQSPLLADLTAAQTPSEFLALTEDSVSEMDAFSKSGSM
 ASHCDNFHNDSTSQMSLNSAAVTKTTTELTTGTVPICAIMSPGKYRLEGQCSTESNLPETSAANQKEVLL
 QIAELPATSVSHSESNLPADSEREENIGLQNGETMLGTNSPRKLGFEYQHKAI AEHVKG IHPISDSKIIP
 TSGDHHIFNKTSHG YEANPAKVLASSLSPFREGRFIERRLRSSSEGTAGSSRMILKPKDGNIEEVNSLRK
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 MKKREEPEFPEPSKQNL SLKLTKDQVDEARCSHISRPNSPSADWPLQGV EENGIDSLPFRMLQDCTA
 VKTLLKMKRVLQESADMSPASSTSLPVSPLETPVPFKTTPREF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6513_g02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_207491

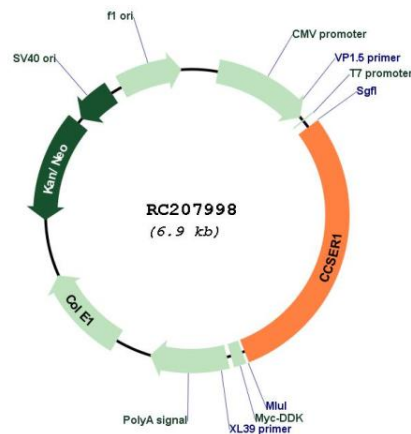
ORF Size: 2031 bp

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](#)

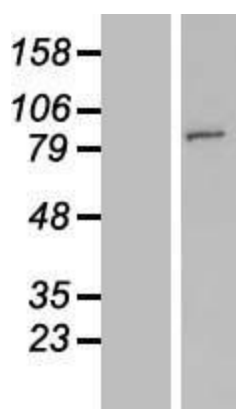
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:	<u>NM_207491.2</u>
RefSeq Size:	3927 bp
RefSeq ORF:	2034 bp
Locus ID:	401145
UniProt ID:	<u>Q9C0I3</u>
Cytogenetics:	4q22.1
MW:	74.3 kDa

Product images:



Circular map for RC207998



Western blot validation of overexpression lysate (Cat# [LY404048]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC207998 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).