

Product datasheet for **RC227544**

FAM13C1 (FAM13C) (NM_001143773) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM13C1 (FAM13C) (NM_001143773) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FAM13C
Synonyms:	FAM13C1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC227544 representing NM_001143773
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTTCTTGTTCGTTCAGCCTTCAGGATAATTCCTTCAGCAGCACCCTGTAACAGAGTGTGACG
 AAGATCCAGTCTCTACATGAAGACCAGACTGATTGCTCCAGTCTCAGAGATGAAAACAATAAAGAGAA
 CTACCCCGACGCAGGGGCTCTGGTAGAAGAGCACGCGCCGCCCTTTGGGAGCCGACGAGCAGAATGTA
 GAGGCGACCGTGTGGTGGACAGCGTATTGCGACACAGCATGGGCAACTCAAGTCCAGGAAGCCCAAGT
 CCATCTTCAAAGCGGAGAGCGGGAGGAGCCACGGAGAAAGTCAAGGAGACAGAGCATGTGGTATCCAGCCA
 GTCAGAGTGTGAGGAGCAGGAACACCAGCTCATGAGAGTCCACAAAACAATGCCTTCAAGTGCCAA
 GAAACAGTGCAGCTTCAACCAAGAATAGACCAGAGGACTGCCATTTGCGCAAAGGATGCTTTTAAACTC
 GGCAGGACTTAAATGAGGAAGAAGCTGCTCAGGTGCATGGAGTCAAGGACCCGGCCAGCATCAACCCA
 GAGCGTGTGGCGATGGGACAGATTCTGCAGACCCCTCACCAGTCCACAAAGATGGGCAGAATGAGGCC
 GACAGTGCACCAGAAGACCTCCACTCTGTGGGGACCAGCAGGCTGCTCTATCACATCACTGATGGTGATA
 ACCCACTGCTGTGCGCACGATGCTCCATCTTCAGCCAAAGCCAGAGATCAACTAGACCCCGAGTCAAGC
 CCCATCTCCACCCAGCACTCAGCAGTTTATGATGCCGCGGAGTCTTTCAGCTGCAGCTGTGGAGATGGC
 AAGGAGCCACAGACCATCACCCAGCTCACCAAGCACATCCAGAGCCTCAAGCGGAAAATTCGAAAATTTG
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 GGAAACCGGAAGCTGCGGGCCCGAGCCAAAGCTCCTCTGGAGAAGAGACTCCAGATGCTGCCTTGACATG
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 ATAAAGCCGCTTTATGACCGATACAGAATTATCAAGCAAATCTTGTCAACACCTTCCCTTATCCAAACA
 TTCAGGAGGAAGAGGACTCTGATGAAGACCGTCCACAGGGAAGCCAAACACCTTCTTTGGCAGATCCAGC
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 GATGAAAAGAAAGAGTAAAACCACAGCTCTCTCCATGTCTAATTTACATGAGGCTACCATGCCTGTAC
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 ACAGTTTTTTAAACAAACAGGAAGAAGTCCACAAAAGGAAGATAGGATACCAATGCCAGATGAGTATTAT
 GAATATAAGCACATAAAAGCCAAACTGAGACTATTAGAGTCTCATCAGCAAGCAAGATGTGGCCAAAA
 CTATT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC227544 representing NM_001143773
 Red=Cloning site Green=Tags(s)

MFSCFCFSLQDNSFSSTTVTECDEDPVSLHEDQTDCCSLRDENNKENYPDAGALVEEHAPPSWEPQQQNV
 EATVLDVSVLRHSMGNFKSRPKSIFKAESGRSHGESQTEHVVSQSECQVRAGTPAHESPNNAFKCQ
 ETVRLQPRIDQRTAISPKDAFETRQDLNEEEAAQVHGKDPAPASTQSVLADGTDSDPSPVHKDQNEA
 DSAPEDLHSVGTSRLLYHITDGDNPLLSRCSIFSQSRFNLDPEASPPSTQQFMMPRSSRSCSGDG
 KEPQITITLTKHIQSLKRKIRKFEKFEQEKYRPSHGDKTSNPEVLKWMNDLAKGRKQLKELKLLSEE
 QGSAPKPPRNLLCEQPTVPRENGKPEAAGPEPSSSGEETPDAALTCLKERREQLPPQEDSKVTKQDKNL
 IKPLYDRYRIKQILSTPSLIPTIQEEEDSDEDRPQGSQQPSLADPASHLPVGDHLTYSNETEPVRRLLP
 DEKKEVPPALSMSNLHEATMPVLLDHLRETRADKKRLRKALREFEEQFFKQTRSPQKEDRIPMADEYY
 EYKHIKAKLRLLEVLISKQDVAKTI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

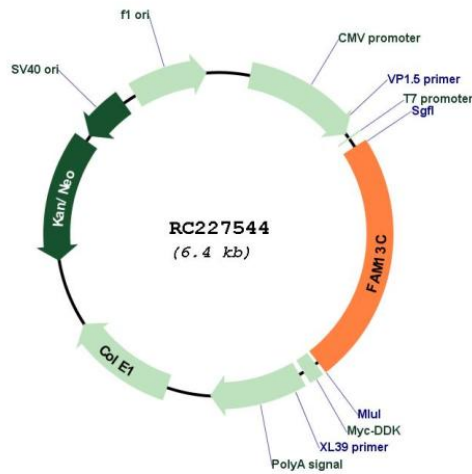
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001143773

ORF Size: 1758 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:	<ol style="list-style-type: none"> 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_001143773.1 , NP_001137245.1
RefSeq Size:	3566 bp
RefSeq ORF:	1509 bp
Locus ID:	220965
UniProt ID:	Q8NE31
Cytogenetics:	10q21.1
MW:	65.8 kDa