

Product datasheet for **RC211246**

FAM5C (BRINP3) (NM_199051) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM5C (BRINP3) (NM_199051) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FAM5C
Synonyms:	DBCCR1L; DBCCR1L1; FAM5C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC211246 representing NM_199051
 Red=Cloning site Blue=ORF Green=Tags(s)

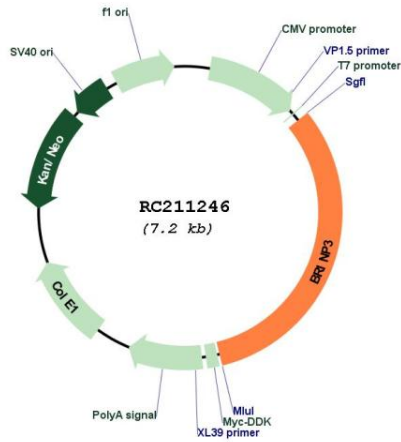
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

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 GTCTTCATTGCTGGGTTTTAGCGGTTGCTGCTGTTTCGGATCAGCATGCCACAAGCCCTTCGACTGGCT
 CCTCTCTGATAAGGGACCCTTCCATCGCTCACAGGAATACACAGATTTTGTGGACAGAAGCCGGCAGGGA
 TTTAGCACAAGATACAAGATATACAGGGAGTTGGCCGCTGAAAAGTAAATAACCTTGCAGTTGAGAGAA
 GAAATTTCTTGGCTCTCTCTGCTCTTGCCCTGAATCTTCCGCAACATAAGACTTTTGGGACGTCG
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 TCTCTTGGCTTGTTCGTATAGACTCAAGCTGTCTACTAGTGAGGTGGTGAAGATCCAATCTGCTCTGCA
 GCGGTTTAAATGCCAAATGCCAAACACAATGGATTATGACACGACCAAAATATGTAGT

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_199051.3</u>
RefSeq Size:	2884 bp
RefSeq ORF:	2301 bp
Locus ID:	339479
UniProt ID:	<u>Q76B58</u>
Cytogenetics:	1q31.1
Protein Families:	Secreted Protein
MW:	88.3 kDa
Gene Summary:	This gene is overexpressed in pituitary tumors but is underexpressed in tongue squamous cell carcinomas, ulcerative colitis, and peri-implantitis. Polymorphisms that increase expression of this gene have been shown to increase vascular inflammation, and an association of this gene with myocardial infarction has been demonstrated. Finally, hypermethylation of this gene may find usefulness as a biomarker for gastric cancer. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

Product images:



Circular map for RC211246