

Product datasheet for RR211547

Fgf9 (NM_012952) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fgf9 (NM_012952) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fgf9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR211547 representing NM_012952
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTCCCTTAGGTGAAGTTGGGAGCTATTTTCGGTGTGCAGGACGCGGTACCGTTCGGGAACGTACCGG
TGTTGCCGGTGGACAGTCCGGTGTGCTAAGTGACCACCTGGGTCACTCCGAAGCAGGGGGCTGCCCGG
GGGACCCGAGTCACGGACTTGGATCATTTAAAGGGGATTCTCAGGCGGAGGCAGCTGTACTGCAGGACT
GGATTTCACTTAGAAATCTTCCCAACGGTACTATCCAGGGAACAGGAAAGACCACAGCCGATTTCGGCA
TTCTGGAATTTATCAGTATAGCAGTGGGCTGGTCAAGTTCGTTGGTGTGGACAGTGGACTCTACCTCGG
CATGAACGAGAAGGGGAGCTGTATGGATCAGAAAACTAACACAGGAGTGCCTGTTTCAGAGAACAGTTT
GAAGAAAAGTGGTACAACACCTACTCTTCAACCTGTACAAGCACGTGGACACCGGAAGGAGATACTATG
TTGCATTAATAAGGATGGGACTCCAAGAGAAGGGACCAGGACTAAACGGCACAGAAATTTACACATTT
TTTACCTAGACCAGTGGACCCTGACAAAGTACCTGAACATATAAGGATATTCTAAGCCAAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR211547 representing NM_012952
 Red=Cloning site Green=Tags(s)

MAPLGEVGSYFGVQDAVPPFGNVPVLPVDSVLLSDHLGQSEAGGLPRGPAVTDLDHLKGILRRRQLYCRT
GFHLEIFPNGTIQGTTRKDHRSRFGILEFISIAVGLVSIRGVDSGLYLG MNEKGELYGSEKLTQECVFREQF
EENWYNTYSSNLKHYVDTGRRYYVALNKDGTREGTRTKRHQKFTHFLPRPVPDPKVPPELYKDILSQS

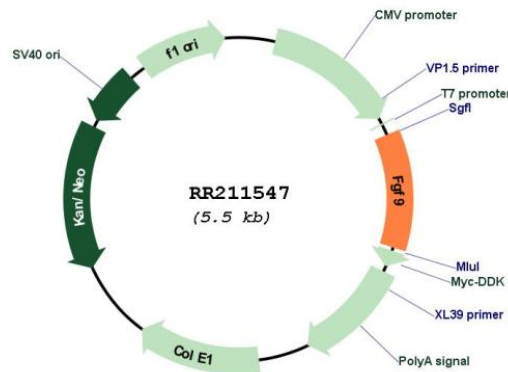
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_012952

ORF Size: 624 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:	<u>NM_012952.1</u> , <u>NP_037084.1</u>
RefSeq Size:	1065 bp
RefSeq ORF:	627 bp
Locus ID:	25444
UniProt ID:	<u>P36364</u>
Cytogenetics:	15p12
MW:	23.4 kDa
Gene Summary:	human homolog is a heparin-binding growth factor [RGD, Feb 2006]