

## Product datasheet for **RR217484**

### Fnip2 (NM\_001271167) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fnip2 (NM\_001271167) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Fnip2  
**Synonyms:** RGD1562174  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR217484 representing NM\_001271167  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

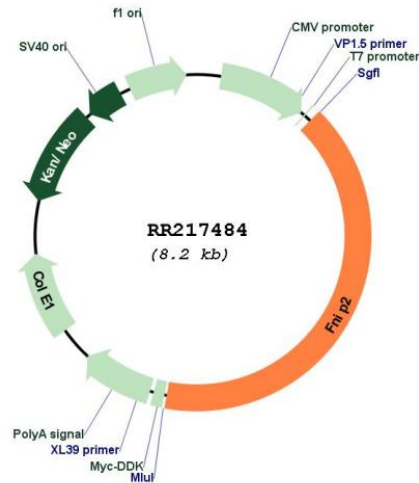
ATGGCCCCGACCCTGCTCCAGAAGCTCTTCAACAAAAGGGCGGGCGCAGCGTCCGCCAGGCCCGGC  
CGCCAAAGGAGGACCGCCTTCAGTTGGTCGTGTTCCGAGTTTGATTTGAGTGACATTCGCTGATAGT  
GTACCAGGACTGCGAGAGGAGAGGCAGACAAGTCATGTTTGACTCCAGAGCCGTGCAAGAAGTGGAAAG  
ACAGCAGCTCAGAAAGCAGAGGACGTCCCTATTAATAATGTCAGCGAGATGCTGTCAGGAAAGCGGCAGT  
TCAGCAGCAGCAGCAGCAGCAGCAACAGCAGCTCTTCTCAGAGCTCTGGGGATCTTACAGCACGC  
TAAGGAGCAGCTTCAAAGTACCAATACACGAGACCAGCATCTGATGTCAACATGCTTGGGAAATGATG  
TTCGGCTCTGTGCAATGAGTTACAAAGGCTCCACCCTGAAGATACACTACATACGATCTCCTCCACAAC  
TGATGATTAGTAAAGTCTTCTCTGCTAGAATGGCAGCTTCTGTGGAAGTACAAATAATCTGCAGGACAG  
CTTCGAATACATCAACCAAGATCCTCAGGCTGGAAAACGAACACAAATCAGAACAGTTTGGGTCCTTGT  
CGTACTGGAAGTAACCTAGCACACAGCACACCTGTTGATATGCCAAGCAGAGGGCAGAATGAAGACAGGG  
ACAGTGGCATTGCTCGATCAGCTTCACTGAGCAGCCTGCTGATCACACCCTTCCCATCTCCGAGCTCCTC  
TACATCCTCCTCCAGCAGTTACCAGCGCCGCTGGCTTCAAGTCAGACCAGAGTTTGGAAAATGGCATC  
TTTCCAAGGAGGTCAACAGATGAAACATTTAGCTTGGCTGAAGAAACCTGTAGCTCTAATCCATCCATAG  
TTAGACGGAAGAAAATTGCCATCAGTATCATCTTTTCTTGTGTGAGAGAGAGGCCACAGCGGGATTT  
CCAGGACTTCTTTTTCTCCCACTTCCCCCTGTTGAATCTCACATGAACAGGCTGAAGAGTGCAATTGAA  
AAGGCCATGATCTCCTGTAGGAAGATCTCTGAATCAAGTCTCCGTGTCCAGTTTTATGTGAGCCGTCTGA  
TGAAGCCCTGGGAGAATTCAGAGGACTATCTGGAATATATTTCTGTTCCAAGGATAGCTGAACCAGT  
GTGGCTTACCATGATGTCCAACACCTTGGAAAAAACCAACTCTGCCAGCGCTTCTCAAGGAATTTATA  
CTTCTGATTGAACAGGTCAACAAAACAGTTTTTTCGCTGCCTTACTGACTGCGGTGTTAACCTACCACC  
TGGCCTGGGTACCAACTGTCATGCTGTTGACCATCCTCCATTAACCTTCTCGGAGAAGCGCACCTC  
TCAGTCAGTGAACATGCTGGCCAAAACATCCATATAATCCTCTCTGGGCACAGCTGGGTGATCTTTAT  
GGAGCTATAGGCTCTCCAGTGAGACTGACTCGCACCGTGGTGATTGGGAAGCAGAAGGATTTGGTCCAGC



[View online >](#)



**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001271167

**ORF Size:** 3339 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001271167.1, NP_001258096.1</u>
<b>RefSeq Size:</b>	4298 bp
<b>RefSeq ORF:</b>	3342 bp
<b>Locus ID:</b>	310538
<b>Cytogenetics:</b>	2q33
<b>MW:</b>	123.4 kDa