

Product datasheet for **RN217484**

Fnip2 (NM_001271167) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fnip2 (NM_001271167) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fnip2
Synonyms:	RGD1562174
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217484 representing NM_001271167 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCCCCGACCCTGCTCCAGAAGCTCTTCAACAAAAGGGGCGGCGGCAGCGTCCGCCAGGCCCGGC
CGCCCCAAGGAGGAGCCGGCCTTCAGTTGGTCGTGTTCCGAGTTTGATTTGAGTGACATTCGCCTGATAGT
GTACCAGGACTGCGAGAGGAGAGGCAGACAAGTCATGTTTGACTCCAGAGCCGTGCAGAAGTGGAAGAG
ACAGCAGCTCAGAAAGCAGAGGACGTCCCTATTAATATGTCAGCGAGATGCTGTCAAGAAAGCGGCAGTG
TCAGCAGCAGCAGCAGCAGCAGCAACAGCAGCTCTTCTCAGAGCTCTGGGGATCTTCACAGCACGC
TAAGGAGCAGCTTCCAAAGTACCAATACACGAGACCAGCATCTGATGTCAACATGCTTGGGAAATGATG
TTCGGCTCTGTCGAATGAGTTACAAAGGCTCCACCCTGAAGATACACTACATACGATCTCTCCACAAC
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ACAGTGGCATTGCTCGATCAGCTTCACTGAGCAGCCTGCTGATCACACCCTTCCCATCTCCGAGCTCCTC
TACATCTCTCCAGCAGTTACCAGCGCCGCTGGCTTCGAAGTCAGACCAGAGTTTGGAAATGGCATC
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TGGAAGCCCTGGGAGAATTCAGAGGGACTATCTGGAACCTATATTCTGTTCCAAGGATAGCTGAACCACT
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TGGCCTGGGTACCACTGTCATGCCTGTTGACCATCTCCCAATTAACCTTCTCGGAGAAGCGCACCTC
TCAGTCAGTGAACATGCTGGCCAAAACACATCCATATAATCTCTCTGGGCACAGCTGGGTGATCTTTAT



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GGAGCTATAGGCTCTCCAGTGAGACTGACTCGCACCGTGGTGATTGGGAAGCAGAAGGATTTGGTCCAGC
GCATTCCTTTATGTTCTAACCTACTTTCTCCGTTGCTCTGAACTGCAAGAGAATCAACTGACCTGGAGTGG
GAATCACAGTGACGATGACCAGGTTATAAATGGGAGCAAGATTGTAAGTGCCTTGGAAAAAGGAGAGGTA
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GGGCCACAAACCTGAAAGAAACAGATGCAAGAGGCCAGAGCAATATTCTGAGGCCAGCAGCATGGGGTTC
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AGGTAGCCAGGATTGTTCTTCAGGACCTCCAGCTGTGAGGTGCCAGGGTAAAAAGGAGGATGGACCA
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TGCCCTGACAGACATTCCAGGAGGGTCTCTGTTGAAAAGGTCACTTTCCACATTGGAAGTTCATCT
CTCCAGAGTCTGACTTTGAAAGCCGCACCAAAAGAATGGAGGAGCGGTTAAAGGCCTGTGGACATTTTCA
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TCCTTCAAAGCTGACTTTGAGAAGGACATCACACCTCAGGACCACTGTTTAGGGGAAGAAGGTGTCTCTG
AGAACAGAGGCCCTCCGAGCCAACATCCGAGCCAACATGGCACATGCCGTGGGACAGCTGAGCCAAGCTGA
TGGCCCCCTTGACCTTCCACTTGTACAGCAGAAAGTGGCTGGAGACAGCTGGAACAGACTAGAGATGTG
CAATTAAGGCAACAAAGGACCTTCATCAGAGCCTGTTCCAAACAGATGTAGACAGCAGGGTGACCTGC
TGATTGCTGCAGATGTCCCTATGGGGATGCCAGTGGTAAGGCCAACTACAGGAGCGAAGGAGACATTCC
CAGGAATGAAAGCTTGGATAGTGCTCTTGAGACAGTGACGATGAAGCGTGTGTTTAGCCCTGTAGAA
CTTGGTCACAATTGTGACAGGACTGAAGGGTCTTTGAAGTGGAAGTGCCTCTACCAAGGTCTCAGAGTA
CCAGCAAGCCAAATGTTAGAAATTTGGCCGCTCACTTCTGGCAGGTTACTGCGCCACGTATATGCTGA
CTTGGTGCTGCACGAACCAGCAGCGATGAGAAGTGAAGCAGTGCTGGCAGCCGATCTGGTCCACACG
GTGCATACCCAGTGCTCGATGAGCCCATAGCCGAAGCCGTCTGCATCATTGCAGACACTGACAAGTGGA
CTGTCCAGGTGGCCACAAGTCAAGGAAAGTACGGACGCCATGAAGCTGGGCCAGGATGTCCTGGTCTC
TAATCAGGTGTCCAGTTTACTCCAGTCCATCTTACAGCTCCATAAGCTTACCTCCCGCTGATTTTTGC
ATCATGCATCTGGAAGACAGACTACAGGAGATGTACCTCAAAAGTAAAATGCTTTTCAGAGTATCTCCGGG
GACACACACGTGTGCACGTGAAAGAGCTGAGCGTGGTGTGGGGATTGAATCCAGTGACCTGCCTCTGCT
GACTGCCATCGCCAGCACTCACTCTCCGTATGTGGCTCAGATCCTCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001271167
Insert Size:	3342 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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.

RefSeq: NM_001271167.1, NP_001258096.1

RefSeq Size: 4298 bp

RefSeq ORF: 3342 bp

Locus ID: 310538

Cytogenetics: 2q33