

Product datasheet for **RN210696**

Ficn (NM_199390) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ficn (NM_199390) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ficn
Synonyms:	Bhd
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210696 representing NM_199390
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACGCCATTGTGGCTCTCTGCCACTTCTGCGAGCTCCATGGCCCCGCAGCTCTTCTGCACGGAGG
 TTCTACACGCTCCCTGCCCCAGGGTGCCGGAAGTGGGGACAGTCTGGCCAGGTTGAGCAGGCTGAGGA
 AGAAGAGGGCGGCATCCAGATGAGCAGCCGAGTCCGTGCCACAGCCAGCCGAGGGCGCCAGCACTGAC
 TCCAGCAGCCCGGGGCCAAGAAGTCAGACATGTGCGAGGGCTGCCGCTCGCTTGTAGGGCACCCAG
 GTTATATCAGTCATGATAAGGAGACCTCTATCAAGTACGTCAGCCACCAGCACCCCAACCACCCAGCT
 CTTCAGCATTGTCGCCAGGCCTGTGTCCGAGCCTGAGCTGTGAGGTGTGCCCTGGTGTGAGGCCCC
 ATCTTCTTTGGTGATGAGCAACATGGCTTTGTGTTGAGCCACACCTTCTCATCAAAGACAGCCTGGCCA
 GAGGCTTCCAGCGCTGGTACAGCATCATGCCATCATGATGGATCGGATCTACCTCATCAACTCCTGGCC
 CTTCTGCTGGGCAAGATCCGCGGGATCATCAGCGAGCTCCAGGGCAAGGCCCTCAAGGTGTTTGGGCA
 GAACAGTTTGGATGTCCACAGCGTGCCAGAGGATGAACACTGCCTTACACCCTTCTGCACCAGAGGA
 ACGGCAACGCTGCCCGCTCTCTGACCTCCTTGACCAGTGTGACAACTTGTGGGCTGTCTGCATACTTC
 CTTTGCCTGGCTCCTGAAGGCATGTGGTAGCCGCTGACAGAAAAGCTCTTAGAGGGTGCTCCCACAGAG
 GACACCCTGGTCCAGATGGAGAAGCTTGTCTGACTTAGAGGAAGAATCAGAAAAGTTGGGATAAATCAGAGG
 CTGAAGAGGAGGAGAAAGCCCCTGCTACGGCAGAGGGTGTGAAGGGCGAGAGCTGGCCAGTTGCCAAC
 AGAATCATCCTTTCTCTCAGCCTGTGGGAGCTGGCAGCCCCAAAGCTTTCTGTCTTCAAGTCCCTTGA
 CACATGAGACAGTCTTGGGAGCCCCATTTCCGAATGTTGGCCTGGCATGTCTCATGGGTAATCAGG
 TGATCTGAAAAGCAGAGATGTGAACCTTCCGATTTGAAAGTCTCCGACCATGCTGCCTGATGCTGCTG
 AGGCTGTGTGCGAATCATCCCTTACAGCAGCCAGTATGAGGAGGCCTATCGCTGCAACTTCTAGGGCTC
 AGCCCTCCGGTGCCTATCCCTGCTCATGTCTGGCCTCTGAGTTCGTAGTTGCTGAGGAGTACACACAG
 CCACTCGCTCAAACCCGCACCCGGCTGGATGTGAGGACGACCAGTCCCTCAGCAAGTATGAGTTTGTGGT
 GACCAGCGGTAGCCCTGTGGCTGCAGACAGAGTTGGGCCACCATCCTGAATAAAATGGAGGAGCTCTG
 ACCAACCCAGAACCTGTCTGTGGATGTGGTGGACCAGTGCCTCGTCTGTCTCAAGGAGGAGTGGATGAACA
 AAGTGAAGTCTGTTCAAATTCACCAAGGTGGACAGCCGCCCAAGGAGGACACCCAGAAGCTCCTGAG
 CGTCTCGGCGCATCAGAGGAGGACAACGTTAAGCTACTGAAGTCTGGATGACGGGCTGAGCAAAACC
 TACAAGTACACCTCATGTCCACAGTCCGAAGCCGACAGCCGACAGATCACGGAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_199390
- Insert Size:** 1740 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).
- 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_199390.2](#), [NP_955422.1](#)

RefSeq Size: 2987 bp

RefSeq ORF: 1740 bp

Locus ID: 303185

UniProt ID: [Q76IQ2](#)

Cytogenetics: 10q22

Gene Summary: a possible tumor suppressor gene associated with hereditary renal carcinoma [RGD, Feb 2006]