

Product datasheet for **SC107383**

NUFIP2 (NM_020772) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUFIP2 (NM_020772) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUFIP2
Synonyms:	82-FIP; 182-FIP; FIP-82; PIG1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC107383 sequence for NM_020772 edited (data generated by NextGen Sequencing)

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ATGGAGGAGAAGCCCGGCCAGCCACAGCCTCAGCACCATCACAGCCACCACCATCCGCAC
CATCACCTCAGCAGCAGCAGCAGCAGCCGACCACCACCATTATTATTTCTACAAC
CACAGCCACAACCACCACCACCACCATCACCAGCAGCCTACCAATACCTGCAGCAT
GGAGCCGAGGGCAGCCCCAAGGCCAGCCAAAGCCGCTGAAACATGAGCAGAAACACACC
TCCAGCAGCACCAGAAACGCCGAAGAAGAAAACAGGCTATGGTGAACATAAACGGTAAT
GCTGGAGAAAGAGAAATATCTTTAAAGAACCTGAGTTCTGATGAAGCCACCAACCTATT
TCCAGGGTCTCAATGGCAACCAGCAAGTTGTAGACACTAGCCTGAAGCAGACTGTAAAG
GCCAACACCTTTGGGAAAGCAGGAATTAACCAAGAATTTCAATCAGAAAAACAGTATG
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TCTGATACTATACCAATCCAAATGGTGTGTAACAAATAATTCTGGTTATATTACTAAT
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CAGGACAAAATAATGCAACAAGAGACCAGTGTCCAACCTTAAACAGGGACTTGAAACT
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GTCCCTATGTGAGCGCTGAAATCTGTTACTTCTGCCAACCTTTTCTAATGGGCCTGTTTTA
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TCAGCAGCTGTTGAACAAATTAAGACTAGCCTTTTTATCTATCCTTCAAATATGCAAACT
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CCTGCTACTTTGGTTTCCAGGGTGTGAAATAATTCCCTCAGGAACTGAGCATCTGTG
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AAATCTGGGACTACTAGTGAGAGTGGAGCCTTATCCTTGAACCCAGTCATATAGGTGAC
CTGCAGAAAGCAGACACCAGTAGTCAAGGTGCTTTAGTGTCTCTCAAAGGACTACGAG
ATAGAAAGTCAAATCCTCTGGCCTCTCCTACGAACACTTTGTTAGGCTCTGCCAAAGAA
CAGAGATACCAGAGAGGCCTAGAAAGGAATGATAGCTGGGGTCTTTTGACCTGAGGGCT
GCTATTGTATATCACACTAAAGAAATGGAATCTATTTGGAATTTGCAGAAGCAAGATCCC
AAAAGGATAATCACTTACAATGAAGCCATGGATAGTCCAGATCAATGA
    
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Clone variation with respect to NM_020772.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020772 unedited
 GTCACGAATTGTAACGACTCATATAGGGCGGCCGGAATCGGCACGAGGTGACGGTGCA
 GCAGCCCCGAGCCTCAGCCAGGGAGTCCCAGCCGCTTTCAATGGAGGAGAAGCCCCGGCCA
 GCCACAGCCTCAGCACCATCACAGCCACCACCATCCGCACCATCACCCCTCAGCAGCAGCA
 GCAGCAGCCGACCACCACCATTATTATTTCTACAACCACAGCCACAACCACCACCA
 CCACCATCATACCAGCAGCCTCACCAATACCTGCAGCATGGAGCCGAGGGCAGCCCCAA
 GGCCAGCCAAAGCCGCTGAAACATGAGCAGAAACACACCCTCCAGCAGCACCAGGAAAC
 GCCGAAGAAGAAAACAGGCTATGGTGAACATAAACGGTAATGCTGGAGAAAAGAAAATATC
 TTAAAGAACCTGAGTTCTGATGAAGCCACCAACCCTATTTCCAGGGTCTCAATGGCAA
 CCAGCAAGTTGTAGACTAGCCTGAAGCAGACTGTAAAGGCCAACACCTTTGGGAAAGC
 AGGAATTAACCAAGAATTTTCATTCAGAAAAACAGTATGGACAAAAAGAATGGGAAAGTC
 TTATGAAAATAAATCTGGAGAGAATCAGTCTGTAGATAAGTCTGATACTATACCAATTCC
 AAATGGTGTGGTAACAAATAATTCTGGTTATATTACTAATGGTTATATGGGTAAGGAGC
 AGATAATGATGGTAGTGGATCTGAGAGCGGATATACCACTCTAAAAAAGGAGAGCTAN
 GCGCANTAGTCCAAGGGGTGTGAAAACNTAATATAGTGCAGGACANNATAATGGGCA
 CAGAGACCAGTGTNCCCACCTTAACAGGGACTNGNNAACTTCAGCCTGACTATAGTGA
 ACAAAGGGGAATCGAGTAGAAGGGTCTGAAGCCATTTGGAAGT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020772 unedited
 TTTTTTTTTTTTTTTTAAATAAAATTTTATTAAGAAATAATTAGAAGCTAACAAGCTC
 AGAAATATAGTTTGCATGAAAACACACCTTCTACAGTCAGGGTTTATTATCTTCTACTG
 GCTAAAAACATGAAAAGTTTTAGTTTTTCATGGACTTTTTTCTCCCTTTTAGATTTTGC
 TGAGAAATTAAGATAATTTACAGAAAGTCTAAGTTTGTCTTAAATGTTTGATGAAAA
 ACAAGGAAAACAGCACATTTAGTGTTAGTGACGGAGAGCAAGTCTGGAGCACCTACAGTT
 GAAAAGCAGAATATTTTTGCTCCAGTTATACAATTACATTAATAATGGGCACAGGA
 ATTTTTTCCAGATTGTATCTAAGCCAATTGCTTGTCTGCAACTTTTCTTAAATGA
 CACGCATAGATTCTCAGTTGTTAAAGTCCAATATGTAACCGAAGCCAAGTTAACTATGT
 ACCATCAACTAACTATCCAGAATTGTAGAACTCAATGCCCTCCCCTATCCCCGCCCCA
 CAAAAATAAATGAAAAGAAATAAAGTATTTCCCAACACCCCAGAGGCCGCTTAACTCC
 TGGCAAGACATGCAAATCATATTCGCTAAAAAATACACCCTGCTAACTCAAGGCATTT
 ATCCAGCATTCTCGCAG

Restriction Sites:

NotI-NotI

ACCN:

NM_020772

Insert Size:

3300 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_020772.1](#), [NP_065823.1](#)
RefSeq Size: 4999 bp
RefSeq ORF: 2088 bp
Locus ID: 57532
UniProt ID: [Q7Z417](#)
Cytogenetics: 17q11.2
Gene Summary: Binds RNA.[UniProtKB/Swiss-Prot Function]