

Product datasheet for **RN201867**

Ifit2 (NM_001024753) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifit2 (NM_001024753) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ifit2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201867 representing NM_001024753
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTACAGCCAGTAAGGAATCATTGGAGAGCAGTCTACAGCAGCTCAAATGCCACTTCACCTGGAACC
 TGAGAGCAGAAGACGAGTCTTGGATGAGTTTGGAGACAGGGTGTAAACAAAGATGAGTTTCAGAACAG
 TGAGTTTAAAGCCACCATGTGCAACCTACTGGCCTATGTTAAGCATTGCAGAGGTCTAAATGAGGCAGCA
 CTGAAATGCTTAGGGGAAGCCGAAGACTTCATCCGGCAACAACATCCTGATCAAATAGAAATCAAAAGTC
 TGGTCACCTGGGAAACTATGCTTGGGTTTACTATCACATGGGCCAGCTGTCAAAGCTCAGGAGTATCT
 GGACAAGGTGAAACAGGTCTGTAAGAAGTTCTCCAGTCCCTACAGGATTGAGAATCCTGTGCTTGACTGT
 GAGGAGGGGTGGCCCGACTAAGTGTACCAAGAACCAAAATGAGAGAATGAAGGTGTGCTTCGAGAAGG
 CTCTGGAAAAGGACCCAAAGAACCAGAATCCACTTCTGGATGGCCATTGCAAACCTACCGTCTGGATGA
 CTGGCCAGCATCCAATGACTATATTGACTCTCTGGAGCAAGCCATTAGCCTGTCTCTGACAACACGTAT
 GTTAAAGTCTCTTGGCAATGAAACTTGAGGAGGTGCATGAAAACCGAGCAAAGGAGCTAGTTGAAGAAG
 CCTTGAAGAAGGACCCAAGTGAATAGATACAATGCTTGGTGCAGCCAAGTTTTACGTCAAGGTACATGA
 CACAGACAGAGCAATACAGTTGCTTAAAAAGGCTTTGGAATCCATGCCCAACAATGCTTATGTGCATTAC
 TACCTTGGGTGCTGTTACAGGTCAAAGTCTTACATACTGAACACCGAAGAAACCACATCTAATGGAA
 ATAGGGAGAAGTTAGAGGCACTGATACAACCAGCACTGAATCACTTACGGAAAGCAGAGGATATCAAGGA
 GATGATCGAAAATTCCTGTAGTCACCTCGCCGGCCTTTATGTACAACAAAGCAGTATGAAGAAGCCGAT
 TATTACTCCAGAAAGAATTCAACAAGGACCTCCGTCCCCTCCCTAAACAGTTACTCCATCTACGGTATG
 GCAACTTTCAGTTCTACGAAAGGAAGTGAAGACAGAGCCATCTACCACTATATGGAGGGGTGAAAAAT
 AAATCGGGAATCAAAGCCTAAAGGAAAGATGAGAGACAAACTTCGAAAACCTTGCTCTAAGGCGGCTTCT
 AGAGATGAATCTGATCCTGAGGCCTTGGCATCTTGGCATTCTTAGGGAGCATAGAGAAGTCAAGGGAG
 CTGATAAAGCCTCGGAGGGAGAAGAGGACCCTGGAAACCGGGTCCCTTCAGCATCTTTGGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001024753

Insert Size: 1395 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_001024753.1](#), [NP_001019924.1](#)

RefSeq Size: 3433 bp
RefSeq ORF: 1395 bp
Locus ID: 294091
Cytogenetics: 1q53