

Product datasheet for **SC322374**

IRF2 (NM_002199) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IRF2 (NM_002199) Human Untagged Clone
Tag:	Tag Free
Symbol:	IRF2
Synonyms:	IRF-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322374
 GGGCACCATGCCGGTGAAAGGATGCGCATGCGCCCGTGGCTGGAGGAGCAGATAAACTC
 CAACACGATCCCGGGGCTCAAGTGGCTTAAACAAGGAAAAGAAGATTTTTTCAGATCCCCTG
 GATGCATGCGGCTAGACATGGGTGGGATGTGGAAAAAGATGCACCACTCTTTAGAAACTG
 GGCAATCCATACAGGAAAGCATCAACCAGGAGTAGATAAACCTGATCCAAAAACATGGAA
 GGCGAATTTTCAGATGCGCCATGAATTCCTTGCCTGATATTGAAGAAGTCAAGGATAAAAG
 CATAAAGAAAGGAAATAATGCCTTCAGGGTCTACCGAATGCTGCCCTATCAGAACGGCC
 TTCTAAGAAAGGAAAGAAACCAAGACAGAAAAAGAACAAAGTTAAGCACATCAAGCA
 AGAACCGTTGAGTCATCTCTGGGGCTTAGTAATGGAGTAAGTGATCTTTCTCCTGAGTA
 TGCGGTCTGACTTCAACTATAAAAAATGAAGTGGATAGTACGGTGAACATCATAGTTGT
 AGGACAGTCCCCTCTGGACAGCAACATTGAGAATCAAGAGATTGTACCAATCCGCCAGA
 CATTTGCCAAGTTGTAGAGGTGACCACTGAGAGCGACGAGCAGCCGGTCAGCATGAGCGA
 GCTCTACCCTCTGCAGATCTCCCCGTGTCTTCTATGCAGAAAGCGAAACGACTGATAG
 TGTGCCACGGATGAAGAGAGTCCGAGGGGCGCCACACTGGCGGAAGAGGAATATTGA
 AGGCAACAGTACCTCAGCAACATGGGGACTCGAGGCTCTACCTGCTGCCCGCATGGC
 GTCTTCTGCTCACTTCCAACAAACCGGACCTCCAGGTACCATCAAAGAGGAGAGCAATCC
 GGTGCCTTACAACAGCTCCTGGCCCCCTTTTCAAGACCTCCCCCTTTCTTCTCCATGAC
 CCCAGCATCCAGCAGCAGTCCGGCCAGACCGGGAGACCCGGGCCAGCGTCATCAAGAAAAC
 ATCGGATATCACCCAGGCCCGCGTCAAGAGCTGTTAAGCCTCTGACTCTCCGCGGTGGTT
 GTTGGGGCTTCTTGGCTTTGTTTGTGTTTGTGTTTGTATTTTATTTTTTCTCTCTGACA
 CCTATTTTAGACAAAATCTAAGGGAAAAAGCCTTGACAATAGAACATTGATTGCTGTGTCC
 AACTCCAGTACTGGAGCTTCTCTTAACTCAGGACTCCAGCCCATTGGTAGACGTGTGTT
 TCTAGAGCCTGCTGGATCTCCAGGGCTACTCACTCAAGTTCAAGGACCAACAAGGGCAG
 TGGAGGTGCTGCATTGCCTGCGGTCAAGGCCAGCAAGGTGGAGTGGATGCCTCAGAACGG
 ACGAGATAATGTGAAGTACTGGAATTTTTTATTCTTGTGAATATGTACATAGGCAGCAC
 TAGCGACATTGCAGTCTGCTTCTGCACCTATCTTAAAGCACTTACAGATAGGCCTTCTT
 GTGATCTTGCTCTATCTCACAGCACACTCAGCACCCCCTTCTCTGCCATTCCCCAGCCT
 CTCTTCTATCCCATCCCATCCCATCCCATCCCATCCCATCCCGCTTTTTCTACTTTT
 CCTTCCCTCAAAGCTTCCATTCCACATCCGGAGGAGAAGAAGGAAATGAATTTCTCTACA
 GATGTCCCATTTTCAGACTGCTTAAAAAAAATCCTTCTAATCTGCTATGCTTGAATGCC
 ACGCGGTACAAAGGAAAAAGTATCATGGAAATATTATGCAAATCCAGATTTGAAGACA
 AAAATACTCTAATTCTAACCCAGACCAAGCTTTTTTATTTTTTATACAGGGGAATATTTTA
 TTCAAGGTAAAATTCTAAATAAAATATAATTGTTTTTATCTTTTCTACAGCAAATTTAT
 AATTTTAAGATTCCTTTTCTGTTTATCAGCAGTTGTTATTACATCCTTGTGGCACATTT
 TTTTTTAATTTTGTAAAGGTGAAAAAGCTTTTATGAGCTCATGTAGCAATCAGATTTT
 CCTGTGGATTGATAATAAATGAATATGATATATAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_002199

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<ol style="list-style-type: none">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_002199.2 , NP_002190.1
RefSeq Size:	2223 bp
RefSeq ORF:	1050 bp
Locus ID:	3660
UniProt ID:	P14316
Cytogenetics:	4q35.1
Domains:	IRF
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	IRF2 encodes interferon regulatory factor 2, a member of the interferon regulatory transcription factor (IRF) family. IRF2 competitively inhibits the IRF1-mediated transcriptional activation of interferons alpha and beta, and presumably other genes that employ IRF1 for transcription activation. However, IRF2 also functions as a transcriptional activator of histone H4. [provided by RefSeq, Jul 2008]