

Product datasheet for **SC324300**

IRF2BP1 (NM_015649) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IRF2BP1 (NM_015649) Human Untagged Clone
Tag:	Tag Free
Symbol:	IRF2BP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_015649.1
CGGCGCCGCTTGCAGCGCGCGCGGAGAGCGGCGGGAGCCCGAGGCGGCGGCGCTCGCG
GCCCATCGTGGGGCCCGAGCTGTGCGCCTCGGCTCGGAGCCCGGACCGGGCGGGGCGCC
GACGTGCTCAGCCTGCCTTCGCGAGGGAGGCGGGAGTGAGCAGAAAGGCTTAGGGCCCA
GGGGCGGGGAAGGGGGCGGGGCTGGATCCGGCGGGGAGGCCGAGCCGGAGGCCGGAC
CGTGGCTCGCGCTGTCCCGGGACGCGGATCGAACGTTGGCGGCGCGGATCGCACGTCCG
CGGCCGTTGGAACGCGGGAGCTGGGCGGCGCGGACTGGGGCCATGGCGTCTGTGCAGG
CGTCCCGCCGCCAGTGGTGCTACCTGTGCGACCTGCCAAGATGCCGTGGGCCATGGTGT
GGGACTTCAGCGAGGCCGTGTGTCGCGGCTGCGTGAACCTTCGAGGGCGCGGACCCGATCG
AACTGCTCATCGATGCCGCCCGCAGCTCAAGCGCAGCCACGTGCTCCCGAGGGCCGCT
CGCCCGGGCCCCGGCCCTTAAGCACCCGGCCACCAAGGACCTGGCGGGCGCAGCCGCAC
AGGGGCCCCAGCTGCCGCCCGCAGGCCAGCCAGCCGTAGGGACCGGCGGGCGGCG
TGTGGGGCCAGGACCGCTATGACAGGGCCACATCATCAGGCCCTCCCTGCCCTCGC
CCGCCCTGGAGTAACTCTGGGGTCCCGCTGGCCAATGGGCTGGGCCGTGAGGAGGCCG
TGGCTGAGGGGGCGAAGGGCCTTGCTTGGCTCCATGCCTGGCTTGATGCCCCCTGGGC
TGCTGGCAGCTGCAAGTGTCTGGCCTGGGAAGCCGAGGCCGTGACGCTGGCACCCGGCTTGA
GTCCTGCCCGTCCCTCTTCGGCTCCGATTTTCGAGAAAGAGAAGCAGCAGAGGAATGCGG
ACTGTCTGGCAGAACTGAACGAGGCCATGCGAGGCCGCGCAGAGGAATGGCACGGGGCC
CCAAAGCAGTGGCGGAACAGCTACTGGCGCTGTCCGCTGCGCCCCGTTCAATGTGCGCT
TCAAGAAGGATCACGGGCTGGTGGGGCGAGTGTTCGCCTTCGATGCTACTGCCCGTCCCT
CAGGATACGAGTTCGAGCTGAAGCTCTTACCAGAAATACCCTGTGGTTCCGGCAATGTGT
ACGCCGGCGTCTGGCAGTGGCTCGCCAGATGTTCCACGATGCTCTGCGGGAGCCGGCA
AGGCACTGGCTTCTTCGGCTTCAAGTACCTCGAATATGAACGCCGGCATGGATCAGGAG
AATGGCGGCAGCTGGGCGAGCTGCTTACCGACGCGCTCCGAGCTTCCGCGAGCCAGCTC
CCGCGGAGGCCCTGCCAGCAGTACCCAGAGCCGGCCCTGCGGCTCTGTGGCCAC
CCCCGCGAGCCCATCCCGAACCTGGCGCCACGCCGCGCCGTGCAAGGCATCCCCCG
AGCCGGAGGGCGAGGCGGCTGGGAAGATGACCACCGAGGAGCAGCAGCAACGGCACTGGG
TGGCACCCGGCGGCCGTAATCCGCTGAGACCCCTGGTGTGCCCTCGCCATTGCCGCC
TGAAGAATGTGGCCGAAGCCCTGGGCCACTCACCAAGGACCCTGGCGGAGGGGGGGG
CTGTGCGTGCAGGGGGCCAGCCCTGCAGCCTCTCCACGGCCAGCCGCAACCCAGC
ATCGCCTTGTGGCCCGCAACGGCGAAGCAGAAGTCAAGTCCACAGCGGGGGCCGAAGCTG
TCAGCGGGGGTGGCAGCGGCACTGGGGGACCCCTGGGGCCCCCTGTGCTGTACCTGT
GCAGGGAGCGGCTGGAAGACACCCTTCCGTCAGTGCCTCGGTGCCCGGACACAAGT
TCTGCTTCCCTGCTCCCGGAGTTCATCAAGGCGCAGGGCCCGCCGGGGAGGTGACT
GCCCGAGCGGAGACAAGTGCCCGCTGGTGGGCTCCTCCGTGCCCTGGGCCTTCATGCAGG
GCGAGATCGCCACCATCCTTGTGGAGACATCAAAGTTAAGAAAGAACGGGACCCCTAGG
CTACCACTGCCTCCAGGCTACTGCCCTTGCCCTTTGCCACCCACCGCTGCCCGGATA
AATTATCCCTCCCGACCCAGCCAGTCCACCTCTATCTGTGTACATACTCCCTCTT
CCACCCAGATGGGTCCCCTGGGGTATGATGCAATTGTGGTGGGGGAGAAAGCTTGTGGCT
CCTGTCCGAGGGGTGTTTGGGGTCCCTTGGCCCTCCAGTTTCCCTCTGTCTCTTGG
CTTGGCTTTGCTGCTGCTGTAGTTGGGGAGAGGTGCCCCCTCCTCCTTGAGAAGGGA
CCTCCTGAAAACCTGCTCTTTATAAACGAGGCAAAGCATTAAATTCCACCCCCCACC
CCCCGCTCCCTTCTGCTCCTTCAATAAACCGAAAGATGGGTTTTTTTTTTCAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:

Please inquire

ACCN:

NM_015649

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_015649.1 , NP_056464.1
RefSeq Size:	2630 bp
RefSeq ORF:	1755 bp
Locus ID:	26145
UniProt ID:	Q8IU81
Cytogenetics:	19q13.32
Protein Families:	Druggable Genome
Gene Summary:	Acts as a transcriptional corepressor in a IRF2-dependent manner; this repression is not mediated by histone deacetylase activities. May act as an E3 ligase towards JDP2, enhancing its polyubiquitination. Represses ATF2-dependent transcriptional activation.[UniProtKB/Swiss-Prot Function]