

Product datasheet for **MC219358**

Irf2bp1 (NM_178757) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Irf2bp1 (NM_178757) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Irf2bp1
Synonyms:	6330414O09Rik; C530033F24
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219358 representing NM_178757
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTCCGTGCAAGCGTCCCAGCCAGTGGTGTACCTGTGCGACCTGCCAAGATGCCGTGGGCCA
 TGGTGTGGGACTTCAGCGAGGCTGTGTGCCGGGTGCGTGAATTCGAGGGCGCGGACCGCATCGAGCT
 GCTCATCGACGCCGCCAGCTCAAGCGCAGCCACGTGCTCCCCGAGGGCCGCTCGCCCGGACCCCG
 GCTCTCAAGCACCAGCTTCCAAGGACCTAGCCTCCACGGGCTCCAGGGCTCCAGTTGCCACCCCGC
 AGGCCAGGCGCAGCCATCGGGACCGCGGTAGCGTCTCAGGCCGGACCGCTATGACAGGGCTACTTC
 ATCCAGCCGCTGGCGTGCCTTCGCCGGCTTTGGAGTACACCCTGGGGTCCCGTTGGCCAACGGGCTG
 GGCCGCGAGGAGCCGTGGCGAAGGGGCACGAGGGCTTTGCTTGGCTCCATCCCAGCTTGATGCCCC
 CCGGGCTGCTGGCAGCTGCAGTGTCTGGCCTTGGAGCCGAGCTCTGACGCTGGCACCTGGCTTAAGCCC
 CGCTCGTCCACTTTTCGGCTCCGATTCGAGAAGGAGAAGCAGCAGAGGAATGCGGACTGCTTGGCAGAA
 CTGAACGAGGCCATGCGGGCCGGGCGGAGGAGTGGCATGGGCGTCCCAAGGCTGTAAGGGAACAGCTAC
 TGGCTCTGTCCGCTGTGCCCTTTCAATGTTTCGATTCAAGAAGGACCACGGGCTGGTGGGACGGGTGTT
 CGCCTTTGATGCCACTGCCCGCCCTCCGGGCTATGAGTTCGAGCTGAAGCTCTTACCAGAAATACCCTGT
 GTTTCTGGCAATGTTTACGCGGGGGTCTTGCAGTGGCTCGCCAGATGTTTCATGATGCTCTTCGAGAGC
 CAGGGAAGGCCCTGGCCTCATCGGGCTTCAAGTACCTCGAGTATGAACGGCGCCATGGTTCAGGGGAATG
 GCGCCAGTTAGGAGAGCTGCTTACGGATGGGGTCCGACGCTTCCGAGAGCCTGCTCCTGCGGAGGCCCTG
 CCCCAGCAGTACCAGAACCGGCCCTGCTGCTGTGTGGCCACCTCCAAGAGCCCCATCCCGAAACC
 TGGCGCCCACTCCACGCGTTCGCAAAGCATCCCCTGAGCCCGAGGGCGAGACAGCTGGGAAGATGACCAC
 GGAGGAGCAGCAACAGCGCACTGGGTGGCGCCAGGCGGTCCATACTTTCAGAGACCCCTGGTGTGCC
 TCACCTATTGCTGCCCTCAAGAATGTGGCCGAGGCTCTGGGCCACTCACCAAGGACCCTGGTGGGGGTG
 GAGGCTCTGTCCGCGCAGGGGTGCTAGCCCCGCGGCTTCTCCACAACCAACCACCGCCAGCATCG
 TTTGGTGGCAGCAATGGAGAGGAGAGTCAAGTACGCCCCACTGCCGGGGTGAAGCTGTGAGCGGGGTGGT
 AGCGGCACAGGGGCGACCCCTGGAGCCCCCTTGTGCTGTACCCTGTGACAGAGAAAGGCTGGAAGACACC
 ACTTCGTGCAGTGTCCCTCGGTACCCGGACACAAGTTCGCTTTCCTTGTCCCGAGAGTTTATCAAGGC
 ACAGGGCCAGCCGGAGAGGTGTACTGCCCCAGTGGAGACAAATGTCCACTGGTGGGTTCTCTGTCCCC
 TGGGCTTCATGCAGGGCGAGATCGCTACTATTCTTGCTGGTACATCAAGGTCAAGAAAGAAAGAGACC
 CCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_178757
- Insert Size:** 1755 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_178757.3](#), [NP_848872.2](#)

RefSeq Size: 2741 bp

RefSeq ORF: 1755 bp

Locus ID: 272359

UniProt ID: [Q8R3Y8](#)

Cytogenetics: 7 A3

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]