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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGTCCGTGCAAGCGTCCCGCCGCCAGTGGTGCTACCTGTGCGACCTGCCCAAGATGCCGTGGGCCA
TGGTGTGGGACTTCAGCGAGGCTGTGTGCCGCGGGTGCGTGAATTTCGAGGGCGCGGACCGCATCGAGCT
GCTCATCGACGCCGCCCGCCAGCTCAAGCGCAGCCACGTGCTCCCCGAGGGCCGCTCGCCCGGACCCCCG
GCTCTCAAGCACCCGACTTCCAAGGACCTAGCCTCCACGGGCTCCCAGGGCTCCCAGTTGCCACCCCCGC
AGGCCCAGGCGCAGCCATCGGGGACCGGCGGTAGCGTCTCAGGCCCGGACCGCTATGACAGGGCTACTTC
ATCCAGCCGCCTGGCGCTGCCTTCGCCGGCTTTGGAGTACACCCTGGGGTCCCGCTTGGCCAACGGGCTG
GGCCGCGAGGAGGCCGTGGCGGAAGGGGCACGCAGGGCTTTGCTTGGCTCCATCCCCAGCTTGATGCCCC
CCGGGCTGCTGGCAGCTGCAGTGTCTGGCCTTGGAGGCCGAGCTCTGACGCTGGCACCTGGCTTAAGCCC
CGCTCGTCCACTTTTCGGCTCCGATTTCGAGAAGGAGAAGCAGCAGAGGAATGCGGACTGCTTGGCAGAA
CTGAACGAGGCCATGCGGGGCCGGGCGGAGGAGTGGCATGGGCGTCCCAAGGCTGTAAGGGAACAGCTAC
TGGCTCTGTCCGCCTGTGCCCCTTTCAATGTTCGATTCAAGAAGGACCACGGGCTGGTGGGACGGGTGTT
CGCCTTTGATGCCACTGCCCGCCCTCCGGGCTATGAGTTCGAGCTGAAGCTCTTCACCGAATACCCCTGT
GGTTCTGGCAATGTTTACGCGGGGGTCCTTGCAGTGGCTCGCCAGATGTTTCATGATGCTCTTCGAGAGC
CAGGGAAGGCCCTGGCCTCATCGGGCTTCAAGTACCTCGAGTATGAACGGCGCCATGGTTCAGGGGAATG
GCGCCAGTTAGGAGAGCTGCTTACGGATGGGGTCCGCAGCTTCCGAGAGCCTGCTCCTGCGGAGGCCCTG
CCCCAGCAGTACCCAGAACCGGCCCCTGCTGCTCTGTGTGGCCCACCTCCAAGAGCCCCATCCCGAAACC
TGGCGCCCACTCCACGCCGTCGCAAAGCATCCCCTGAGCCCGAGGGCGAGACAGCTGGGAAGATGACCAC
GGAGGAGCAGCAACAGCGGCACTGGGTGGCGCCAGGCGGTCCATACTCTTCAGAGACCCCTGGTGTGCCC
TCACCTATTGCTGCCCTCAAGAATGTGGCCGAGGCTCTGGGCCACTCACCCAAGGACCCTGGTGGGGGTG
GAGGCTCTGTCCGCGCAGGGGGTGCTAGCCCCGCGGCTTCCTCCACAACCCAACCACCGGCCCAGCATCG
TTTGGTGGCACGCAATGGAGAGGCAGAAGTCAGCCCCACTGCCGGGGCTGAAGCTGTCAGCGGGGGTGGT
AGCGGCACAGGGGCGACCCCTGGAGCCCCCTTGTGCTGTACCCTGTGCAGAGAAAGGCTGGAAGACACCC
ACTTCGTGCAGTGTCCCTCGGTACCCGGACACAAGTTCTGCTTTCCTTGCTCCCGAGAGTTTATCAAGGC
ACAGGGCCCAGCCGGAGAGGTGTACTGCCCCAGTGGAGACAAATGTCCACTGGTGGGTTCCTCTGTCCCC
TGGGCCTTCATGCAGGGCGAGATCGCTACTATTCTTGCTGGTGACATCAAGGTCAAGAAAGAAAGAGACC
CCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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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).

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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]

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