

Product datasheet for **MC200891**

Irf8 (NM_008320) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Irf8 (NM_008320) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Irf8
Synonyms:	AI893568; IC; Ics; ICSBP; Icsbp1; IRF; IRF-8; My; Myls
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC005450 sequence for NM_008320
 CCGGAGGCGGGGAGCGGTGGGAACCGGCGGCAGGATGTGTGACCGGAACGGCGGGCGGGCTGCGGCA
 GTGGCTGATCGAACAGATCGACAGCAGCATGTACCCGGGGCTGATCTGGGAAAATGATGAGAAGACCATG
 TTCCGTATCCCCTGGAAGCATGCCGGCAAGCAGGATTACAATCAGGAGGTGGATGCTTCCATCTTCAAGG
 CCTGGGCAGTTTTTAAAGGGAAGTTTAAAGAGGGAGACAAAGCTGAACCAGCCACGTGGAAGACGAGGTT
 ACGCTGTGCTCTGAACAAGAGCCCAGATTTTGAAGAAGTACTGACCGGTCCCAGCTGGACATTTCTGAG
 CCATATAAAGTTTACCGAATTGTCCCGAGGAAGAACAAAAATGCAAGCTGGGCGTGGCACCTGCAGGCT
 GCATGAGCGAAGTTCCTGAGATGGAGTGTGGCCGCTCAGAGATTGAGGAGCTGATCAAGGAACCTTCTGT
 GGATGAGTACATGGGTATGACCAAGAGGAGCCATCCCCACCAGAGGCCTGCAGGAGCCAGATCCTCCCT
 GACTGGTGGTCCAGCAGCCAGTGCAGGCCTGCCACTGGTGACCGGATATGCCGCTATGACACACACC
 ATTCAGCTTTCTCCAGATGGTCATCAGCTTCTACTACGGGGCAAGCTGGTGGGCCAGGCCACCACCAC
 CTGCCTTGAAGGCTGCCGTCTCTCCCTGAGCCAGCCGGGGCTGCCTAAGTTGATGGGCCGATGGCCTG
 GAACCCGTGTGCTTCCGACGGCCGACACCATCCCAGTGAGCGGCAGAGGCAGGTGACCCGGAAGCTGT
 TTGGGCACCTGGAACGTGGCGTGTACTGCACAGCAACCAGCAAGGGCGTGTTCGTAAGCGGCTGTGCCA
 GGGCCGCTGTTCTGCAGCGCAACCGGTTGGTGTGCAAGGGCAGGCCCAACAAGCTGGAGCGGGACGAG
 GTGGTGCAGGTCTTTGACACCAACCAGTTCATCCGAGAGCTGCAGCAATTCTACGCCACCAGAGCCGCC
 TACCTGACAGCAGGGTGGTCTGTGCTTCGGGGAGGAGTTTCCGGACACTGTGCCCTTGCCCTCCAACT
 CATTCTGGTGCAGGTAGAGCAGCTGTATGCCAGGCAGCTGGTGGAGGAAGCGGGCAAGAGCTGCGGTGCT
 GGCTCCCTGATGCCAGCCCTGGAGGAGCCCCAGCCGACCAGGCTTTCGCGATGTTTCCGGATATCTGTA
 CCTCACACCAGAGACCCTTTTTAGAGAAAATCAACAGATCACCGTCTAAGCCTCAGTCCGGGCACCCCA
 CCTCGCCTGAGCTCAAGCTTCAAGAGTCTGTGACTAAGAGAATCCGAAAGGATGTGGAGCCCTCTGACT
 GGGGTGGCGGGTGTCTCCAAGGGGCTCCGGAAGCCACAGAGGGATGCGCTCCTGCTCAGGCAGGTG
 TCAGAAGCTTGCAGGGGCTGTGGCCGCAACCTGTGATTAAGCATTCTTTCTGCGTTTTCCCTTCCAC
 CACTAATGGCTGGCCTTTCTGTGTGCTGAGGCTTTTCGACAGTTCAAATCATCTGGTGGCAGCAGACTCG
 CCTTTGCCCTTCTGCGGCCGAGGGCGGAGATTTATGACTTTCTCTGCTTGGTGGAGAAGAAGAATCTTT
 ACTATTAGCTTCTTTCTTTTGGCCAGAACTCTGAAAAAAAAAAAAAACTCTTTTAAAGACAATATTTG
 TATTCTCACAGGCTCAGCTGTCAATCACTTGAGACCTTCCCTGTAAAGTGGGCAGATTTTAAATATGGG
 TGTAGATACTGCTGCAGCCTTCGAGGAATTTGGTTGTGGTTCATTGATTACACAGACTCTGTGTCA
 GCTGACAGGGCTGTGTGGGCATCAAAGGAGGACCAGGCACTGTGGAGAAGACCCATTCACTGGCATCTC
 ACCCTTCTTGTCCAGCTCCATACCCAGTCTAAGACCCAGTAAAAGCCAGTCCAAACTGTGCTCTGG
 GCTCATCAGTGCCACCCACGTACCAGGAAAGGCACACACCCTACCCAGTGGGCACAGAGCGGAATGTC
 CCCCTACCGCACCATTTGCGCCCCAATCTGGGTGTC AACCTAGTTTGT AAGTAATCTAAATCAGTGAC
 TATAGCCCCGCTAAGGGACACTTCCCGAGGAGGAGCCGCTGAAATGGAGTTAGTTTGGAGGTGAGTA
 CACAACAGGGGCAGAAAGCCAAGCAGATGTGGGGCAGGGAGAGTATCATCTGCTTTTGTCTGAGAGAA
 GGAGAGCTTCTCCGTTTGTCAACTTTGTAAACAAGCTGGGTTACATGCTCCACGCAGCTAGAGAAGCCTA
 GGTGCTCTGCATTCCCTGGGAACTGCAGGAAAGCCTTACCTGCTGACTGTTGCTCTGGGAAAAGCCTG
 AGGGTCCAGAGCAGCTACAAGCTACAGGCCATACCTTACAACCTGAAAAGCTAAGGACCAGGTGACCTT
 CCCGGCTACTGTGTGAAGGTGCTGGGTGGGGCTGCTCAACAGACAGGGTCGACAGAGTGTGTGATACAT
 GCAAACAGAATCCTTGGAGTGTGTGATACATGCAAACAGAATCCTGGGCCCTGCTTCTCCCCCTCAGTC
 AAAGCAGGAGTGTCCCTCCGAAGCCAGGACAACCTGTTACAAGGCCCTTGTACATGTCACCTTCCA
 CCTGCCTCAAGGAGTGTAGTGTCCAAATATTTATTTTGTATTCTTAAAGAAGTATTGATTTTCATCCT
 TTATTAATAAAGTTGCTCTTTCACAAA AAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_008320
Insert Size: 1275 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:	<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:	BC005450 , AAH05450
RefSeq Size:	2878 bp
RefSeq ORF:	1275 bp
Locus ID:	15900
UniProt ID:	P23611
Cytogenetics:	8 70.05 cM
Gene Summary:	<p>The protein encoded by this gene is a transcription factor that belongs to the interferon regulatory factor family. Proteins belonging to this family have a DNA binding domain at the amino terminus that contains five well-conserved tryptophan-rich repeats. This domain recognizes DNA sequences similar to the interferon-stimulated response element. The protein encoded by this gene promotes or suppresses lineage-specific genes to regulate the differentiation of lymphoid and myeloid lineage cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.</p>