

Product datasheet for **RN211610**

Irf7 (NM_001033691) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Irf7 (NM_001033691) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Irf7
Synonyms:	MGC125013
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211610 representing NM_001033691
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGAAGTGAGGGGGTCCAGCGAGTGTCTGGGAGACTGGCTCTTGGGTGAGGTGAGTGTGGCC
 GGTACGAGGGGCTGCAGTGGCTGAATGAGGCTCACACAGTCTTCCGTGTGCCCTGGAAGCATTTCAGCCG
 TAGGGATCTGGATGAAGCTGATGCACAGATCTTCAAGGCCTGGGCTGTGGCCCGAGGGAGGTGGCCACCT
 AGTGGAGTAACTTACCACCCAGAGGCTGAGGCTGCTGAGCGAAGAGGCTGGAAGACCAACTCCGAT
 GTGCACTCCGCAGCACAGGGCGCTTTATCTTGCCTCAAGACAAGTCAAGGAGGCTGAGGAGGCTGAGGAGG
 GGTGTATGAAGTACCGCGAGCTTGGATCTACAAGTGGCCAGCTCTGGAGAAGAGGAAAGTGAAGTGAAG
 CTCAGCAGTGGCCATACCCACACAGGGTATGTCCCTAGGATCATTCTGGCAAGAGGAAATGCTGGGTTGC
 AAACCCCAAGCCCTCTGCTTTCTGGTGTGCTGGGACCTCTTGGTTCAGGTTCTGCAATACAGCCACCT
 ACTGGACTCTGAGTCTAGGGCGGACTCAGTCCCACCACAGGCTTCTGGCCAGGAGCAAGAACACCTTCTCT
 GAGGAGCCCATCGACATGGCAGATGGAAGCTACCTCCAGCCCAAGGCTTCAACACCCAGTTCTGATGA
 CTGAGCGCAACCTTGGGTCCCTGGATGTGACCATCATGTACAAGGGCCGACAGTGTACAGGCAATGGT
 GGGGACACCCAGATGCGTGTTCCTGTATAGCCCGTGGGCTCAGCAATAAGAAGTTCAGAGCCCAAGCCG
 GTGATTTTTCCGAGCCCGCTGAGCTCCAGATCAGAAGCAGTGCCTACACAGAGACTCTCTACAGC
 ATGTGTCTCCAGGCTTCCAGTGGAGCTTCGGGGGCCATCACTATGGGCCCTGCGAATGGCAAGTGCAA
 GGTGTACTGGGAGGTGGGAGCCCTATGGGCTCCACCAACCCCTCACCCAGCCAGCTGCTGGAGCGC
 AACTGCCATACTCCATCTTTGACTTCAAGTCTTCTCCGAGAAGTGGAGGAGTCCGGGCCCGGAGGC
 GACAAGGATCACACATTACACCATACCTGGGTTTTGGGCAAGACTTGTGAGGAGGAGGAGGAGGAGGAGG
 GAAGAGCCTGATCCTGGTGAAGCTGGAGCCATGGCTGTGCAAGACACATCTGGAAGGCGTGCAGCGTGAG
 GGTGTGCTCTCTGGACAGCAGTCTTGGCCTGTGCTGTCTAGCACAATAGTCTCTACGATGACA
 TTGAACACTTCTCATGGACCTGGGTCAGTGGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001033691

Insert Size: 1368 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_001033691.1, NP_001028863.1
RefSeq Size: 1985 bp
RefSeq ORF: 1368 bp
Locus ID: 293624
Cytogenetics: 1q41