

Product datasheet for **RN214232**

Irf5 (NM_001106586) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Irf5 (NM_001106586) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Irf5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214232 representing NM_001106586
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACCAGTCAGCCCCAGGGATTCCACACCACCCCGCGTGTGAGGCTGAAGCCCTGGCTGGTGCC
AGGTGAACAGCTGCCAGTACCCAGGGCTCCAGTGGGTCAACGGGAAAAGAACTCTTCTATATCCCTG
GCGCCATGCTACAAGGCACGGTCCAGCCAGGATGGAGACAACACCATCTTCAAGGCCTGGGCTAAAGAG
ACAGGGAAGTACACGGAGGGCGTGGATGAGGCTGACCCAGCCAAATGGAAGGCCAACCTGCGCTGTGCC
TTAACAAAAGCCGTGACTTCCAGCTGTACTATGATGGCCCTCGAGACATGCCACCTCAGCCCTACAAGAT
CTACGAGGTCTGCTCCAATGGCCCTGCTCCACAGAGTCCAGCCACAGATGATTACGTTCTGGGAGAA
GAGGAGGAAGAGGAAGATGAAGAGCTCCAGAGAATGCTACCAGGCCTGAGTATCACAGAACCTGTGTAC
CTGGCCCTCCCATAGCACCTATTCCTTACCCAAAGAAGACCAAGTGGCCACCTGCTCTCCAGCCACC
TGTAGGGCTGGGTCCCCCTCCCCAGACCCAAATCTCCTGGCCCTCCCTCTGGAGATTCTGCTGGCTTT
AGGCAGCTTCTCCTGAGGTCTGGAGCCTGGACCCTGGCTTCCAACCGCCCTACAGAACAACCTCT
TGCTGACCTGCTCATCAGCCCCACATGCTGCCTTTGACTGACCTAGAGATCAAGTTCCAGTACCGGG
ACGTCCACCGCGGCCCTCACCATCAGCAACCCACAAGGCTGCAGGCTCTTCTATAGCCAGCTAGAGGCT
ACCCAGGAGCAAGTGAACTCTTTGGCCCTGTGACCCTGGAGCAAGTTCGCTTCCCTAGCCAGAGGATA
TCCCCAGTGACAAGCAGCGCTTCTATACGAACCAGCTGCTGGATGTCCTGGACCGAGGGCTCATCTGCA
GCTGCAGGGCCAGGACCTGTATGCCATCCGTCTGTGCCAGTGAAGGTGTTCTGGAGTGGCCCTGTGCC
TTGGCCCATGGTTCCTGCCCCAACCCATCCAGCGGGAAGTCAAGACAAAGCTCTTACGCTAGAGCAGT
TTCTCAAATGAACATCCTGTTCCAGAAGGGCCAAACCAATACCCACCCTTTTGAGATCTTCTTTTG
CTTTGGAGAAGAATGGCCTGACCTCAAACCCCGAGAGAAGAAGCTCATTACTGTACAGGTGGTACCTGTC
GCAGCCCGGTTGCTGCTGGAGATGTTCTCAGGAGAGCTTTCTTGGTCAAGCAGACAGCATTGCGCTGCA
TCTCAAACCCGGATCTCAAAGACCACATGGTAGAGCAGTCAAAGAGCTCCATCACATCTGGCAGTCCCA
GCAGCGCTTGAGCCCATGGTCCAGGCCCTCCTGTGGCAGGCCTTGATGCTGGCCAGGGGCCCTGGCC
ATGCACCCAGTTGGCATGCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106586

Insert Size: 1494 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_001106586.1](#), [NP_001100056.1](#)

RefSeq Size: 2099 bp

RefSeq ORF: 1494 bp

Locus ID: 296953

Cytogenetics: 4q22