

Product datasheet for **RR209426**

Irf9 (NM_001012041) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Irf9 (NM_001012041) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Irf9
Synonyms: Isgf3g
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209426 representing NM_001012041
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCACAGGCCAAAGCACGCTGTACCCGAAAGCTCCGGAAGTGGATAGTGAACAGGTGGAAAGTGGGC
AGTCCCAGGGGTGTGCTGGGACGACGCAGCCAAGACCATGTTCCGGATTCCTGGAAGCACGCAGGCCAA
GCAAGACTTCCGAGAAGACCAGGATGCTGCCATATTCAAGGCCTGGGCACTGTTTAAGGAAAAGCACAAA
GACGGGGACATAGGAAACCTGCTGTCTGGAAGACTCGCTACGCTGTGCCCTCAACAAGAGTTCGGAAT
TTGAGGAGGTTCCCGAGAGAGGCCGGATGGATGTTGCAGAACCCTACAAAAGTATATCGAATACTGCCAGC
AGGAACCTCCCCACCAACCAAGAAACAGAAATCGCCATTCAAGCGAAGTATCAGTTCGTGTGCACCT
GAGAGGGGAGAGTGTAAGGAAAATGGGATTGTAAGCCACTCAGACAGCGGCAGCAATGTCTGTGGTGGTG
GCAGCAACGGTGGCGGCAGCAGTGACAGCTGTGGCAGCACCAGCAGCTCTGAGCTAGAGGAAGGAGCTGG
CACAACGAAGCCACCGTTCAAGAGGACCCAGTGTTCATGGAGAATCCGCTTCTCCGAACCTCAGACTAC
TCGCTGCTGCTCACCTTCATCTATGGCGGGCGCTGGTGCATGAGATCCAGGTGCACAGCCTAGACTGTC
GGCTTGTGGCTGAGCCCTCAGACCCGGAGAGCAGCATGGTGCAGCAGGTGGTGTTCAGAGCTGAGCC
ACTGGAGCCACCCAGAGCCTGCTGAATCAGCTCGAGAGAGGCATCCTGGTGGCCAGCAATTCAGAGGC
CTCTTTGTTTCAGCGCCTCTGCCCATCCCCATCTCCTGGAACGCACCCGAGGCCCCACCTGGGCCTGGGC
CTCATCTGCTGCCAGCAATAAGTGTGTGGAGCTCTTTCAGTACCACATACTTCTGTAGAGATTTGGCCCA
GTACTTCCAGGGCCAGGGACCTTACCCAAGTACCAAGCAACTGCATTTCTGGGACAGGAGTCTTAGC
TCTAGCTATACCCAAGAGAATCTTATCACGGTGCAGGATGGAGCAGGCCTTTGCCGAAATTTACTAGAGA
AGATTCCAGAAGAGGAGAAAAGCTGCCTTGTTCCTGGTACAGCACACAGAGACCAACCTGCCACTCTCGC
ACTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR209426 representing NM_001012041
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MATGKARCTRKLNRWIVEQVESGQFFPGVCWDDAAKTMFRIPWKHAGKQDFREDQDAAIKAWALFKEKHK
 DGDIGNPAVWKTRLRCALNKSSFEFEVPERGRMDVAEPYKVYRILPAGTLPTQPRNQKSPFKRSISSVSP
 ERGECKENGIVSHSDSGSNVCGGGSNNGGSSSDSCGSTSSSELEEGAGTTEATVQEDPVFMENPLPNSDY
 SLLLTFIYGGRVVHEIQVHSLDCRLVAEPSDPESSMVQVVFPRPDLEPTQSLLNQLERLILVANSRGL
 LRVQRLCPPIISWNAPEAPPGPGPHLLPSNKCVELFSTTYFCRDLAQYFQGGGGLPKYQATLHFWDSPS
 SSYTQENLITVRMEQAFARNLLEKIPEEKAALFLVQHTHEQPATLAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

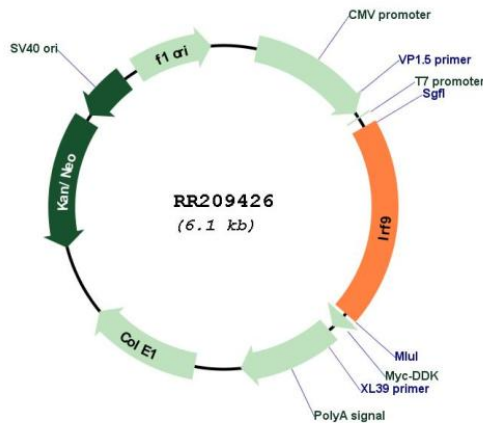
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001012041

ORF Size:	1194 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001012041.1 , NP_001012041.1
RefSeq Size:	1630 bp
RefSeq ORF:	1197 bp
Locus ID:	305896
Cytogenetics:	15p13
MW:	44.2 kDa