

Product datasheet for **RN214566**

Ilf3 (NM_053412) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ilf3 (NM_053412) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ilf3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214566 representing NM_053412
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATTGTATCATCATCACTTTCATCACAAGAAGAAGAGCGTCCCATGAGAATTTTTGTGAATGATG
 ATCGCCATGTGATGGCAAAGCATTCTTTCAGTATACCCAACACAAGAGGAGCTGGAGGCTGTACAGAACAT
 GGTGTCCACACTGAGCGGGCCCTCAAGGCTGTCTCTGACTGGATTGATGAGCAGGAGAAAGGCAACAGC
 GAGCTCTCTGAAGCAGAAAATATGGACACACCCCAAGATGATGAGAGCAAAGAAGGGGCTGGGGAACAGA
 AGGCGGAACACATGACTAGGACCCTGAGGGGCGTGATGCGGGTCGGCCTGGTAGCCAAGGGTCTTCTGCT
 CAAGGGGGACTTGGATCTGGAGCTGGTTCTGCTCTGTAAGGAGAAGCCACAACCTGCCCTTCTGGACAAG
 GTGGCTGACAACCTGGCCATCCAGCTTACTACTGTAACAGAAGACAAGTATGAAATACTCCAATCTGTGG
 ATGATGCTGCGATTGTGATAAAAAACACAAAAGAGCCCCCTTGTCTTGACCATCCATCTGACCTCCCC
 TGTTGTACAGAGAAGAAATGGAGAAAGTATTAGCTGGAGAAACGCTATCAGTCAACGACCCCCCGGACGTT
 CTGGACAGGCAGAAATGCCTTGCTGCCTTGGCGTCCCTCCGACACGCCAAGTGGTTCCAGGCTAGAGCCA
 ATGGGCTGAAGTCATGTGTCATTGTTCATCCGTGTCTTAAGGGACTTGTGTACCCGAGTGCCACCTGGGG
 TCCTCTCAGAGGATGGCCTCTGGAGCTGCTGTGTGAGAAGTCCATCGGCACTGCCAATAGGCCAATGGGT
 GCTGGTGAAGCCCTGCGGAGAGTACTGGAGTGCCTGGCTTCCGGCATCGTAATGCCAGATGGTTCTGGCA
 TTTATGACCCCTTGTAAGAAAGAGCCACTGATGCTATTGGGCATCTAGACAGACAGCAACGGGAAGATAT
 CACACAGAGTGGCAGCATGCTCTGCGGCTTGTGCCTTGGCCAGCTCCATAAAGTACTGGGAATGGAC
 CCACTGCCTTCCAAAATGCCAAGAAACCAAGAACGAGAACCCGGTGGACTATACTGTTCAAATCCCCC
 CCAGCACACCTACGCCATCACACCCATGAAACGCCCTATGGAAGAAGATGGGGAGGAGAAGTCTCCCAAG
 CAAAAAGAAAAAGAAAGTCCAGAAGAAAGAGGAGAAGGCTGAGCCTCCCAAGCTATGAATGCCCTGATG
 AGGTTAAACCAGCTGAAGCCAGGCTACAGTACAAGCTGATCTCCAGACGGGCTCCTGTTACGCTCCCA
 TCTTACCATGTCTGTGGAGGTAGACGGCAGTACCTTTGAGGCCCTCAGGGCCATCTAAAAAGACGCCAA
 GCTACATGTGGCTGTGAAGGTGTACAGGACATGGGATTGCCAACAGGCGCTGAAGGCAGAGACTCCAGC
 AAGGGGGAGGACTCTGCTGAGGAGTCAAGTGGGAAGCCAGCAGTGTGGCCCCACCCCTGTGGTGGAAAG
 CAGTCTCAACCCAGTCTGTCTTCCCTTCAAGTGCCTACTGAGCAGGGGCGGATTTGACTAAGCA
 CGGCAAGAATCCTGTAATGGAGCTTAATGAGAAGAGACGTGGCCTCAAATATGAGCTCATTCTGAGACA
 GGGGGCAGCCACGACAAACGGTTTGTATGGAGGTTGAGGTGGACGGACAGAAGTTTCAAGTGTGGCT
 CAAACAAAAGGTAGCAAAGGCTTATGCTGCACCTTGGCCGATTAGAGAAGCTTTTCCCTGACGCCCTCT
 TGCTCTTGAAGCCAACAAGAAGAAAAGAGCCCCCTGTGCCTGTCCGAGGGGACCCAAATTTGCTGCCAAG
 CCACATAACCCTGGCTTTGGCATGGGAGGCCCATGCATAATGAAGCGCCCCACCTCCCAACATCCGAG
 GTCGGGGCGGAGGAGTAAACATCCGAGGGCGAGGACGGGGGCGAGGATTTGGTGGACCAACCACGGAGG
 AGGCTACATGAATGTGGCGCTGGATATGGAAGCTATGGGTACAGCAGCAATTCGGCCACAGCAGGCTAC
 AGTCAGTTCTACAGCAATGGAGGCAATATGGGAATGCCGGTGGTGGAGGCAGCGGGGAGGTGGTGGCT
 CGTCCAGCTACAGCTCCTACTACCAAGGAGACAGCTACAACCTACCAGTGCCCCGAAACATGCTGGGAA
 GAAGCCGCTGCATGGGGGCCAGCAGAAACCCTCCTACAGCTCGGGCTACCAGTCCCACAGGGCCAGCAG
 CAACCTTACAACCAGAGCCAGTACAGCAGCTACGGCACGCCACAGGGCAAGCAGAAAGGCTATGGCCATG
 GGCAGGGCAGCTACTCCTCCTACTCCAACCTTTACAACCTCCCCTGGTGGTGGTGGGGGCTGACTACAG
 CTACGACAGCAAATCAACTACAGTGGTGTGGAGGCCGAGTGGAGGGAACAGCTATGGCTCCAGCGGG
 TCATCCTACAACACAGGCTCACATGGGGTTATGGCGCAGGTTCTGGAGGCAGCTTTCATACCAAGGCA
 AACAGGAGGCTACTCATCAGTCAAACCTACAGCTCCCCTGGTCCAGCCAGAGCTACAGCGGCCCCGC
 CAGCTCCTACCAGTCTCACAGGGTGGCTACAGTCGGAACACAGAACACAGCATGAACTACCAGTACAGA
TAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_053412
Insert Size:	2733 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:	NM_053412.1 , NP_445864.1
RefSeq Size:	3168 bp
RefSeq ORF:	2733 bp
Locus ID:	84472
UniProt ID:	Q9JIL3
Cytogenetics:	8q13
Gene Summary:	nuclear protein that interacts with and regulates the activity of protein-arginine methyltransferase I [RGD, Feb 2006]