

Product datasheet for **MC229154**

Ilf3 (NM_001277321) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ilf3 (NM_001277321) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ilf3
Synonyms:	MBII-26; MPHOSPH4; NF9; NF90; NFAR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC229154 representing NM_001277321
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATTGTATCATCATCACTTTCATCACAAGAAGAAGAAGGCGTCCCATGAGAATTTTTGTGAATGATG
 ATCGCCACGTGATGGCAAAGCATTCTTTCAGTGTACCCAACACAAGAGGAGCTGGAGGCTGTACAGAACAT
 GGTGTCCCATACTGAGCGGGCCCTGAAGGCTGTCTCTGACTGGATTGATGAGCAGGAGAAAGGCAACAGC
 GAGCTCTCTGAGGCAGAAAATATGGACACACCCCCAGACGATGAGAGCAAAGAAGGGGCTGGGGAACAGA
 AGGCGGAACACATGACTAGGACCCTGAGGGGCGTGTGCGGGTGGCCTGGTAGCCAAGGGTCTTCTGCT
 CAAGGGGGACTTGGATCTGGAGCTGGTTCTGCTCTGTAAGGAGAAGCCACAACCCCTTCTGGACAAG
 GTGGCTGACAACCTGGCCATCCAGCTCACTACTGTAACAGAAGACAAGTATGAAATACTCCAGTCTGTGG
 ATGATGCTGCGATTGTGATAAAAAACACAAAAGAGCCCCCTTGTCTTGACCATCCATCTGACCTCCCC
 TGTTGTACAGAGAAGAAATGGAGAAAGTATTAGCTGGAGAAACGCTATCAGTCAACGATCCCCCGACGTT
 CTGGACAGGCAGAAATGCCTTGCTGCCTTGGCGTCCCTCCGACACGCCAAGTGGTTCCAGGCCAGAGCCA
 ATGGACTGAAGTCATGTGTCATTGTCTATCCGTGTCTTAAGGGACTTGTGTACCCGAGTGCCACCTGGGG
 TCCCTCAGAGGATGGCCTCTGGAGCTGCTGTGTGAGAAGTCCATCGGCACTGCCAATAGGCCAATGGGT
 GCTGGTGAAGCCCTGCGGAGAGTGTGGAGTGCCTGGCATCCGGCATCGTAATGCCAGATGGTTCTGGCA
 TTTATGACCCCTTGTAAGAAAGAGCCACTGATGCTATTGGGCATCTAGACAGACAGCAACGGGAAGATAT
 CACACAGAGTGGCAGCATGCTCTGCGGCTTGTGCCTTGGTCACTCCATAAAGTACTGGGAATGGAC
 CCCCTGCCTTCCAAAATGCCAAGAAACCAAGAACGAGAACCCGGTGGACTACTGTCAAATTCCTC
 CCAGCACCACTATGCTATCACACCCATGAAACGCCCTATGGAAGAGGATGGGGAGGAGAAGTCTCCCA
 CAAGAAGAAAAGAAAGATCCAGAAGAAAGAGGAGAAGGCTGATCCTCCTCAAGCTATGAATGCCCTGATG
 AGGTTAAATCAGCTGAAGCCAGGCTGCACTACAAGTGTCTCCAGACAGGCCCTGTTTATGCTCCCA
 TCTTACCATGTCTGTGGAGGTAGACGGCAGTAACTTCGAGGCCCTCGGGGCCATCTAAAAAGACTGCCAA
 GCTTATGTAGCTGTGAAGGTGTACAGGACATGGGCTTGCCAACAGGCGCTGAAGGCAGAGACTCCAGC
 AAGGGGAAGACTCCGCTGAGGAGTCAAGTGGGAAGCCAGCAATAGTGGCCCCACCCCTGTGGTGGAA
 CTGTCTCAACCCAGTCTGTCTTCCCTTCAAGTGGCCTCAAAATGAGCTCATTCTGAGACG
 TGGCAAGAACCCTGTTATGGAGCTTAATGAGAAGAGACGTGGCCTCAAAATGAGCTCATTCTGAGACG
 GGGGGCAGCCACGACAAAAGTTTGTATGGAGTTGAGGTGGACGGACAGAAGTTTCAAGTGTGGTT
 CAAACAAAAGGTGGCAAAGGCTTATGCTGCACCTTGGCCGATTAGAAAACTTTTCCCTGATACCCCTCT
 TGCTCTTGAAGCCAACAAAAGAAAAGGACCCAGTACCTGTCCGAGGTGGACCCAAATTTGCTGCCAAG
 CCACACAACCCTGGTTTTGGCATGGGAGGCCCATGCATAATGAAGTGGCCACCTCCTAACATCCGAG
 GTCGGGGCGGAGGAGTAAACATCCGAGGGCGAGGACGGGGCGGAGGATTTGGTGGCGCAACCATGGAGG
 AGGCTACATGAATGTGGTGTGGATATGGAAGCTATGGGTACAGCAGCAATTCGGCCACAGCAGGCTAC
 AGTCAGTTCTACAGCAATGGAGGCACTTCTGGGAATGCCGGTGGTGGAGGCAGCGGGGAGGTGGTGGCT
 CATCCAGCTACAGCTCCTACTACCAAGGAGACAGCTACAACCTACCAGTACCCCGAAGCATGCTGGGAA
 GAAGCCGCTGCATGGGGGCCAGCAGAAAGCCTCCTACAGCTCGGGCTACCAGTCCCACCAGGGCCAGCAG
 CAACCTTACAACCAGAGCCAGTACAGCAGCTACGGCACGCCACAGGGCAAGCAGAAAGGCTATGGCCATG
 GGCAGGGCAGCTACTCCTCCTACTCCAACCTTTACAACCTCCCCAGGTGGTGGTGGGGGCTGACTACAG
 CTACGACAGCAAAATCAACTACAGTGGGAGTGGAGGCCGAGTGGAGGCAACAGCTATGGCTCCAGCGGG
 TCATCGTCTACAACACAGGCTCACATGGAGGCTATGGCACAGGCTCCGGAGGCAGCTCTTCATACCAAG
 GAGGCTACTCATCAGTCAAACCTACAGCTCACCTGGTCCAGCCAGAGCTACAGTGGTCTGCCAGCTC
 CTACCAGTCTCACAGGGTGGCTACAGTCGGAACACAGAGCACAGCATGAACTACCAGTACAGATA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001277321

Insert Size:	2727 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001277321.1</u> , <u>NP_001264250.1</u>
RefSeq Size:	3594 bp
RefSeq ORF:	2727 bp
Locus ID:	16201
UniProt ID:	<u>Q9Z1X4</u>
Cytogenetics:	9 7.78 cM
Gene Summary:	<p>The protein encoded by this gene contains two double-stranded RNA binding domains and functions in the post-transcriptional regulation of gene expression. It is a component of an RNA-protein complex that may be involved in mediating the export of messenger RNAs. Alternative splicing results in multiple transcript variants encoding distinct isoforms. These isoforms are grouped into two categories, NFAR-1 or NFAR-2, based on variation at the C-terminus. [provided by RefSeq, Mar 2013]</p> <p>Transcript Variant: This variant (5) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. The encoded isoform (5) is shorter than isoform 1. This variant encodes an NFAR-2 isoform.</p>