

Product datasheet for **MC222515**

Ilf3 (NM_010561) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ilf3 (NM_010561) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ilf3
Synonyms:	MBII-26; MPHOSPH4; NF9; NF90; NFAR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222515 representing NM_010561
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATTGTATCATCATCACTTTCATCACAAGAAGAAGAGCGTCCCATGAGAATTTTTGTGAATGATG
 ATCGCCACGTGATGGCAAAGCATTCTTCAGTGTACCCAACACAAGAGGAGCTGGAGGCTGTACAGAACAT
 GGTGTCCCATACTGAGCGGGCCCTGAAGGCTGTCTCTGACTGGATTGATGAGCAGGAGAAAGGCAACAGC
 GAGCTCTCTGAGGCAGAAAATATGGACACACCCCCAGACGATGAGAGCAAAGAAGGGGCTGGGGAACAGA
 AGGCGGAACACATGACTAGGACCCTGAGGGGCGTGATGCGGGTCGGCCTGGTAGCCAAGGGTCTTCTGCT
 CAAGGGGGACTTGGATCTGGAGCTGGTTCTGCTCTGTAAGGAGAAGCCACAACCCCTTCTGGACAAG
 GTGGCTGACAACCTGGCCATCCAGCTCACTACTGTAACAGAAGACAAGTATGAAATACTCCAGTCTGTGG
 ATGATGCTGCGATTGTGATAAAAAACACAAAAGAGCCCCCTTGTCTTGACCATCCATCTGACCTCCCC
 TGTTGTACAGAGAAGAAATGGAGAAAGTATTAGCTGGAGAAACGCTATCAGTCAACGATCCCCGGACGTT
 CTGGACAGGCAGAAATGCCTTGCTGCCTTGGCGTCCCTCCGACACGCCAAGTGGTTCCAGGCCAGAGCCA
 ATGGACTGAAGTCATGTGTCATTGTTCATCCGTGTCTTAAGGGACTTGTGTACCCGAGTGCCACCTGGGG
 TCCCTCAGAGGATGGCCTCTGGAGCTGCTGTGTGAGAAGTCCATCGGCACTGCCAATAGGCCAATGGGT
 GCTGGTGAAGCCCTGCGGAGAGTGTGGAGTGCCTGGCATCCGGCATCGTAATGCCAGATGGTTCTGGCA
 TTTATGACCCCTTGTAAGAAAGAGCCACTGATGCTATTGGGCATCTAGACAGACAGCAACGGGAAGATAT
 CACACAGAGTGGCAGCATGCTCTGCGGCTTGTGCCTTGGTCACTCCATAAAGTACTGGGAATGGAC
 CCCCTGCCTTCCAAAATGCCAAGAAACCAAGAACGAGAACCCGGTGGACTACTGTCAAATTCCTC
 CCAGACCACCTATGCTATCACACCCATGAAACGCCCTATGGAAGAGGATGGGGAGGAGAAGTCTCCCA
 CAAGAAGAAAAGAAAGATCCAGAAGAAAGAGGAGAAGGCTGATCCTCCTCAAGCTATGAATGCCCTGATG
 AGGTTAAATCAGCTGAAGCCAGGCTGCACTACAAGTGTCTCCAGACAGGCCCTGTTTCATGCTCCCA
 TCTTACCATGTCTGTGGAGGTAGACGGCAGTAACTTCGAGGCCCTCGGGGCCATCTAAAAAGACTGCCAA
 GCTTATGTAGCTGTGAAGGTGTACAGGACATGGGCTTGCCAACAGGCGCTGAAGGCAGAGACTCCAGC
 AAGGGGAAGACTCCGCTGAGGAGTCAAGTGGGAAGCCAGCAATAGTGGCCCCACCCCTGTGGTGGAA
 CTGTCTCAACCCAGTCTGTCTTCCCTTCAAGTGGCAGTACTGAGCAGGACCGATTTTACTAAGCA
 TGGCAAGAACCCTGTTATGGAGCTTAATGAGAAGAGACGTGGCCTCAAATATGAGCTCATTCTGAGACG
 GGGGGCAGCCACGACAAAAGTTTGTATGGAGTTGAGGTGGACGGACAGAAGTTTCAAGTGTGGTT
 CAAACAAAAGGTGGCAAAGGCTTATGCTGCACCTGCGCATTAGAAAACTTTTCCCTGATACCCCTCT
 TGCTCTTGAAGCCAACAAAAGAAAAGGACCCAGTACCTGTCCGAGGTGGACCCAAATTTGCTGCCAAG
 CCACACAACCCTGGTTTTGGCATGGGAGGCCCATGCATAATGAAGTGCCGCCACCTCCTAACATCCGAG
 GTCGGGGCGGAGGAGTAAACATCCGAGGGCGAGGACGGGGCGGAGGATTTGGTGGCGCAACCATGGAGG
 AGGCTACATGAATGCTGGTGTGGATATGGAAGCTATGGGTACAGCAGCAATTCGGCCACAGCAGGCTAC
 AGTCAGTTCTACAGCAATGGAGGCACTTCTGGGAATGCCGGTGGTGGAGGCAGCGGGGAGGTGGTGGCT
 CATCCAGCTACAGCTCCTACTACCAAGGAGACAGCTACAACCTACCAGTACCCCGAAGCATGCTGGGAA
 GAAGCCGCTGCATGGGGGCCAGCAGAAAGCCTCCTACAGCTCGGGCTACCAGTCCCACAGGGCCAGCAG
 CAACCTTACAACCAGAGCCAGTACAGCAGCTACGGCACGCCACAGGGCAAGCAGAAAGGCTATGGCCATG
 GGCAGGGCAGCTACTCCTCCTACTCCAACCTTTACAACCTCCCGAGTGGTGGTGGGGCTCTGACTACAG
 CTACGACAGCAAATCAACTACAGTGGGAGTGGAGGCCGAGTGGAGGCAACAGCTATGGCTCCAGCGGG
 TCATCGTCTACAACACAGGCTCACATGGAGGCTATGGCACAGGCTCCGGAGGCAGCTCTTCATACCAAG
 GCAAACAAGGAGGCTACTCATCACAGTCAAACCTACAGCTCACCTGGGTCCAGCCAGAGCTACAGTGGTCC
 TGCCAGCTCCTACCAGTCTCACAGGTTGGCTACAGTCGGAACACAGAGCACAGCATGAATACCAGTAC
 AGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_010561
Insert Size:	2736 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_010561.3 , NP_034691.2
RefSeq Size:	3603 bp
RefSeq ORF:	2736 bp
Locus ID:	16201
UniProt ID:	Q9Z1X4
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 (1) encodes the longest isoform (1). Both variants 1 and 6 encode the same isoform (1). This variant encodes an NFAR-2 isoform that is also known as Ilf3 L.</p>