

Product datasheet for **MC222464**

Ilf3 (NM_001042707) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ilf3 (NM_001042707) 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: >MC222464 representing NM_001042707
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCGTCCCATGAGAATTTTTGTGAATGATGATCGCCACGTGATGGCAAAGCATTCTTCAGTGTACCCAA
 CACAAGAGGAGCTGGAGGCTGTACAGAACATGGTGTCCATACTGAGCGGGCCCTGAAGGCTGTCTCTGA
 CTGGATTGATGAGCAGGAGAAAGCAACAGCGAGCTCTCTGAGGCAGAAAATATGGACACACCCCCAGAC
 GATGAGAGCAAAGAAGGGGCTGGGGAACAGAAGGCGGAACACATGACTAGGACCCTGAGGGGCGTGATGC
 GGGTCGGCCTGGTAGCCAAGGGTCTTCTGCTCAAGGGGGACTTGGATCTGGAGCTGGTTCTGCTGTGTA
 GGAGAAGCCACAACCGCCCTTCTGGACAAGGTGGCTGACAACCTGGCCATCCAGCTCACTACTGTAACA
 GAAGACAAGTATGAAATACTCCAGTCTGTGGATGATGCTGCGATTGTGATAAAAAACACAAAAGAGCCCC
 CCTTGTCTTGGACATCCATCTGACCTCCCTGTTGTGACAGAGAAGAAATGGAGAAAGTATTAGCTGGAGA
 AACGCTATCAGTCAACGATCCCCGGACGTTCTGGACAGGCAGAAATGCCTTGTGCCTTGGCGTCCCTC
 CGACACGCCAAGTGGTCCAGGCCAGAGCCAATGGACTGAAGTCATGTGTCATTGTCATCCGTGTCTTAA
 GGGACTTGTGTACCCGAGTGCCACCTGGGGTCCCTCAGAGGATGGCCTCTGGAGCTGTGTGTGAGAA
 GTCCATCGGCACTGCCAATAGGCCAATGGGTGCTGGTGAAGCCCTGCGGAGAGTGTGGAGTGCCTGGCA
 TCCGGCATCGTAATGCCAGATGGTCTGGCATTATGACCCTTGTGAAAAAGAAGCCACTGATGCTATTG
 GGCATCTAGACAGACAGCAACGGGAAGATACACAGAGTGCAGCAGCATGCTCTGCGGCTTGTGCCTT
 TGGTCAACTCCATAAAGTACTGGGAATGGACCCCTGCCTTCCAAAATGCCAAGAAACCAAGAACGAG
 AACCCGGTGGACTACACTGTTCAAATTCCTCCAGCACCACCTATGCTATCACACCATGAAACGCCCTA
 TGAAGAGGATGGGGAGGAGAAGTCTCCAGCAAGAAGAAAAGAAAGTCCAGAAGAAAGAGGAGAAGGC
 TGATCCTCCTCAAGCTATGAATGCCCTGATGAGGTTAAATCAGCTGAAGCCAGGGCTGCAGTACAAGCTG
 ATCTCCAGACAGGCCCTGTTATGCTCCCATCTTACCATGTCTGTGGAGGTAGACGGCAGTAACTTCG
 AGGCCTCGGGGCCATCTAAAAGACTGCCAAGCTTCTATGTAGCTGTGAAGGTGTTACAGGACATGGGCTT
 GCCAACAGGCGCTGAAGGCAGAGACTCCAGCAAGGGGAAGACTCCGCTGAGGAGTCAAGTGGGAAGCCA
 GCAATAGTGGCCCCACCCCTGTGGTGAAGCTGTCTCCAACCCAGTCTGTCTTCCCTTCAAGTGGCA
 CTACTGAGCAGGGACCGATTTTACTAAGCATGGCAAGAACCCTGTTATGGAGCTTAATGAGAAGAGACG
 TGGCCTCAAATATGAGCTCATTCTGAGACGGGGGCGAGCCACGACAAAAGGTTTGTATGGAGGTTGAG
 GTGGACGGACAGAAGTTCAAGGTGCTGGTTCAAACAAAAGGTGGCAAAGGCTTATGCTGCACTTGCCG
 CATTAGAAAAACTTTTCCCTGATACCCCTTGTCTTGAAGCCAACAAAAGAAAAGGACCCAGTACC
 TGTCGAGGTGGACCAATTTGCTGCCAAGCCACACAACCCTGGTTTTGGCATGGGAGGCCCATGCAT
 AATGAAGTGCCGCCACCTCCTAACATCCGAGGTGCGGGCCGAGGAGGTAACATCCGAGGGCGAGGACGGG
 GGCGAGGATTTGGTGGCGCAACCATGGAGGAGGCTACATGAATGCTGGTGTGGATATGGAAGCTATGG
 GTACAGCAGCAATTCGGCCACAGCAGGCTACAGTCAGTTCTACAGCAATGGAGGGCATTCTGGGAATGCC
 GGTGGTGGAGGCAGCGGGGGAGGTGGTGGCTCATCCAGCTACAGCTCCTACTACCAAGGAGACAGCTACA
 ACTCACCAGTACCCCGAAGCATGCTGGGAAGAAGCCGCTGCATGGGGCCAGCAGAAAGCCTCCTACAG
 CTCGGGCTACCAGTCCCACCAGGGCCAGCAGCAACCTTACAACCAGAGCCAGTACAGCAGTACGGCAGC
 CCACAGGCAAGCAGAAAAGGCTATGGCCATGGGCAGGGCAGCTACTCCTCCTACTCCAACCTTTACAAC
 CCCCAGGTGGTGGTGGGGCTCTGACTACAGCTACGACAGCAAATTAACCTACAGTGGGAGTGGAGGCCG
 GAGTGGAGGCAACAGCTATGGCTCCAGCGGGTCACTCGTCTACAACACAGGCTCAGTGGAGGCTATGGC
 ACAGGCTCCGGAGGCAGCTTTTACATACCAAGGCAACAAGGAGGCTACTCATCACAGTCAAACCTACAGT
 CACCTGGGTCCAGCCAGAGCTACAGTGGTCTGCCAGCTCCTACCAGTCTCACAGGGTGGCTACAGTCG
 GAACACAGAGCACAGCATGAACTACCAGTACAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001042707

Insert Size:	2697 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_001042707.2 , NP_001036172.1
RefSeq Size:	3564 bp
RefSeq ORF:	2697 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 (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. The encoded isoform (2) is shorter and has a distinct N-terminus, compared to isoform 1. This variant encodes an NFAR-2 isoform that is also known as Ilf3 S.</p>