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Product datasheet for MC229162

Ilf3 (NM_001277322) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ilf3 (NM_001277322) 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:

>MC229162 representing NM_001277322
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCATTGTATCATCATCACTTCATCACAAGAAGAAGAAGGCGTCCCATGAGAATTTTTGTGAATGATG
ATCGCCACGTGATGGCAAAGCATTCTTCAGTGTACCCAACACAAGAGGAGCTGGAGGCTGTACAGAACAT
GGTGTCCCATACTGAGCGGGCCCTGAAGGCTGTCTCTGACTGGATTGATGAGCAGGAGAAAGGCAACAGC
GAGCTCTCTGAGGCAGAAAATATGGACACACCCCCAGACGATGAGAGCAAAGAAGGGGCTGGGGAACAGA
AGGCGGAACACATGACTAGGACCCTGAGGGGCGTGATGCGGGTCGGCCTGGTAGCCAAGGGTCTTCTGCT
CAAGGGGGACTTGGATCTGGAGCTGGTTCTGCTCTGTAAGGAGAAGCCCACAACCGCCCTTCTGGACAAG
GTGGCTGACAACCTGGCCATCCAGCTCACTACTGTAACAGAAGACAAGTATGAAATACTCCAGTCTGTGG
ATGATGCTGCGATTGTGATAAAAAACACAAAAGAGCCCCCCTTGTCCTTGACCATCCATCTGACCTCCCC
TGTTGTCAGAGAAGAAATGGAGAAAGTATTAGCTGGAGAAACGCTATCAGTCAACGATCCCCCGGACGTT
CTGGACAGGCAGAAATGCCTTGCTGCCTTGGCGTCCCTCCGACACGCCAAGTGGTTCCAGGCCAGAGCCA
ATGGACTGAAGTCATGTGTCATTGTCATCCGTGTCCTAAGGGACTTGTGTACCCGAGTGCCCACCTGGGG
TCCCCTCAGAGGATGGCCTCTGGAGCTGCTGTGTGAGAAGTCCATCGGCACTGCCAATAGGCCAATGGGT
GCTGGTGAAGCCCTGCGGAGAGTGCTGGAGTGCCTGGCATCCGGCATCGTAATGCCAGATGGTTCTGGCA
TTTATGACCCTTGTGAAAAAGAAGCCACTGATGCTATTGGGCATCTAGACAGACAGCAACGGGAAGATAT
CACACAGAGTGCGCAGCATGCTCTGCGGCTTGCTGCCTTTGGTCAACTCCATAAAGTACTGGGAATGGAC
CCCCTGCCTTCCAAAATGCCCAAGAAACCAAAGAACGAGAACCCGGTGGACTACACTGTTCAAATTCCTC
CCAGCACCACCTATGCTATCACACCCATGAAACGCCCTATGGAAGAGGATGGGGAGGAGAAGTCTCCCAG
CAAGAAGAAAAAGAAGATCCAGAAGAAAGAGGAGAAGGCTGATCCTCCTCAAGCTATGAATGCCCTGATG
AGGTTAAATCAGCTGAAGCCAGGGCTGCAGTACAAGCTGATCTCCCAGACAGGCCCTGTTCATGCTCCCA
TCTTCACCATGTCTGTGGAGGTAGACGGCAGTAACTTCGAGGCCTCGGGGCCATCTAAAAAGACTGCCAA
GCTTCATGTAGCTGTGAAGGTGTTACAGGACATGGGCTTGCCAACAGGCGCTGAAGGCAGAGACTCCAGC
AAGGGGGAAGACTCCGCTGAGGAGTCAGATGGGAAGCCAGCAATAGTGGCCCCACCCCCTGTGGTGGAAG
CTGTCTCCAACCCCAGTTCTGTCTTCCCTTCAGATGCCACTACTGAGCAGGGACCGATTTTGACTAAGCA
TGGCAAGAACCCTGTTATGGAGCTTAATGAGAAGAGACGTGGCCTCAAATATGAGCTCATTTCTGAGACG
GGGGGCAGCCACGACAAAAGGTTTGTTATGGAGGTTGAGGTGGACGGACAGAAGTTTCAAGGTGCTGGTT
CAAACAAAAAGGTGGCAAAGGCTTATGCTGCACTTGCCGCATTAGAAAAACTTTTCCCTGATACCCCTCT
TGCTCTTGAAGCCAACAAAAAGAAAAGGACCCCAGTACCTGTCCGAGGTGGACCCAAATTTGCTGCCAAG
CCACACAACCCTGGTTTTGGCATGGGAGGCCCCATGCATAATGAAGTGCCGCCACCTCCTAACATCCGAG
GTCGGGGCCGAGGAGGTAACATCCGAGGGCGAGGACGGGGGCGAGGATTTGGTGGCGCCAACCATGGAGG
AGGCTACATGAATGCTGGTGCTGGATATGGAAGCTATGGGTACAGCAGCAATTCGGCCACAGCAGGCTAC
AGTCAGTTCTACAGCAATGGAGGGCATTCTGGGAATGCCGGTGGTGGAGGCAGCGGGGGAGGTGGTGGCT
CATCCAGCTACAGCTCCTACTACCAAGGAGACAGCTACAACTCACCAGTACCCCCGAAGCATGCTGGGAA
GAAGCCGCTGCATGGGGGCCAGCAGAAAGCCTCCTACAGCTCGGGCTACCAGTCCCACCAGGGCCAGCAG
CAACCTTACAACCAGAGCCAGTACAGCAGCTACGGCACGCCACAGGGCAAGCAGAAAGGCTATGGCCATG
GGCAGGGCAGCTACTCCTCCTACTCCAACTCTTACAACTCCCCAGGTGGTGGTGGGGGCTCTGACTACAG
CTACGACAGCAAATTCAACTACAGTGGGAGTGGAGGCCGGAGTGGAGGCAACAGCTATGGCTCCAGCGGG
TCATCGTCCTACAACACAGGCTCACATGGAGGCTATGGCACAGGCTCCGGAGGCAGCTCTTCATACCAAG
GCAAACAAGGAGGCTACTCATCACAGTCAAACTACAGCTCACCTGGGTCCAGCCAGAGCTACAGTGGTCC
TGCCAGCTCCTACCAGTCCTCACAGGGTGGCTACAGTCGGAACACAGAGCACAGCATGAACTACCAGTAC
AGATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001277322
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).
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:	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_001277322.1, NP_001264251.1
RefSeq Size:	3531 bp
RefSeq ORF:	2736 bp
Locus ID:	16201
UniProt ID:	Q9Z1X4
Cytogenetics:	9 7.78 cM
Gene Summary:	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] Transcript Variant: This variant (6) differs in the 5' UTR, compared to variant 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. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.