

Product datasheet for **MG224636**

Ilf3 (NM_001042707) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ilf3 (NM_001042707) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ilf3
Synonyms:	MBII-26; MPHOSPH4; NF9; NF90; NFAR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG224636 representing NM_001042707
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGTCCCATGAGAATTTTTGTGAATGATGATCGCCACGTGATGGCAAAGCATTCTTCAGTGTACCCAA
 CACAAGAGGAGCTGGAGGCTGTACAGAACATGGTGTCCCATACTGAGCGGGCCCTGAAGGCTGTCTCTGA
 CTGGATTGATGAGCAGGAGAAAGGCAACAGCGAGCTCTCTGAGGCAGAAAATATGGACACACCCCCAGAC
 GATGAGAGCAAAGAAGGGGCTGGGGAACAGAAGGCGGAACACATGACTAGGACCCTGAGGGGCGTGATGC
 GGGTGGCCTGGTAGCCAAGGTCTTCTGCTCAAGGGGACTTGGATCTGGAGCTGGTTCTGCTGTGTA
 GGAGAAGCCACAACCGCCCTTCTGGACAAGGTGGCTGACAACCTGGCCATCCAGCTCACTACTGTAACA
 GAAGACAAGTATGAAATACTCCAGTCTGTGGATGATGCTGCGATTGTGATAAAAAACACAAAAGAGCCCC
 CCTTGTCTTGGACATCCATCTGACCTCCCTGTTGTGACAGAGAAGAAATGGAGAAAGTATTAGCTGGAGA
 AACGCTATCAGTCAACGATCCCCGGACGTTCTGGACAGGCAGAAATGCCTTGTGCCTTGGCGTCCCTC
 CGACACGCCAAGTGGTCCAGGCCAGAGCCAATGGACTGAAGTCATGTGTCATTGTCATCCGTGTCTTAA
 GGGACTTGTGTACCCGAGTGCCACCTGGGGTCCCTCAGAGGATGGCCTCTGGAGCTGCTGTGTGAGAA
 GTCCATCGGCACTGCCAATAGGCCAATGGGTGCTGGTGAAGCCCTGCGGAGAGTGTGGAGTGCCTGGCA
 TCCGGCATCGTAATGCCAGATGGTCTGGCATTATGACCCTTGTGAAAAAGAAGCCACTGATGCTATTG
 GGCATCTAGACAGACAGCAACGGGAAGATATCACACAGAGTGCAGCAGCATGCTCTGCGGCTTGTGCCTT
 TGGTCAACTCCATAAAGTACTGGGAATGGACCCCTGCCTTCCAAAATGCCAAGAAACCAAGAACGAG
 AACCCGGTGGACTACACTGTTCAAATTCCTCCAGCACCACCTATGCTATCACACCATGAAACGCCCTA
 TGAAGAGGATGGGAGGAGAAGTCTCCAGCAAGAAGAAAAAGAAAGTCCAGAAGAAAGAGGAGAAGGC
 TGATCCTCCTCAAGCTATGAATGCCCTGATGAGGTTAAATCAGCTGAAGCCAGGGCTGCAGTACAAGCTG
 ATCTCCAGACAGGCCCTGTTATGCTCCCATCTTACCATGTCTGTGGAGGTAGACGGCAGTAACTTCG
 AGGCCTCGGGCCATCTAAAAAGACTGCCAAGCTTCATGTAGCTGTGAAGGTGTTACAGGACATGGGCTT
 GCCAACAGGCGCTGAAGGCAGAGACTCCAGCAAGGGGAAGACTCCGCTGAGGAGTCAAGTGGGAAGCCA
 GCAATAGTGGCCCCACCCCTGTGGTGAAGCTGTCTCCAACCCAGTCTGTCTTCCCTTCAAGTGGCA
 CTACTGAGCAGGGACCGATTTTACTAAGCATGGCAAGAACCCTGTTATGGAGCTTAATGAGAAGAGACG
 TGGCCTCAAATATGAGCTCATTTCTGAGACGGGGGCGAGCCACGACAAAAGGTTTGTATGGAGGTTGAG
 GTGGACGGACAGAAGTTCAAGGTGCTGGTTCAAACAAAAGGTGGCAAAGGCTTATGCTGCACTTGCCG
 CATTAGAAAAACTTTTCCCTGATACCCCTTGTCTTGAAGCCAACAAAAGAAAAGGACCCCACTACC
 TGTCCGAGGTGGACCAATTTGCTGCCAAGCCACACAACCCTGGTTTTGGCATGGGAGGCCCATGCAT
 AATGAAGTGCCGCCACCTCCTAACATCCGAGGTGGGGCCGAGGAGGTAACATCCGAGGGCGAGGACGGG
 GGCGAGGATTTGGTGGCGCAACCATGGAGGAGGCTACATGAATGCTGGTGTGGATATGGAAGCTATGG
 GTACAGCAGCAATTCGGCCACAGCAGGCTACAGTCAGTTCTACAGCAATGGAGGGCATTCTGGGAATGCC
 GGTGGTGGAGGCAGCGGGGAGGTGGTGGCTCATCCAGCTACAGCTCCTACTACCAAGGAGACAGCTACA
 ACTCACCAGTACCCCGAAGCATGCTGGGAAGAAGCCGCTGCATGGGGCCAGCAGAAAGCCTCCTACAG
 CTCGGGCTACCAGTCCCACCAGGGCCAGCAGCAACCTTACAACCAGAGCCAGTACAGCAGTACGGCAGC
 CCACAGGCAAGCAGAAAGGCTATGGCCATGGGCAGGGCAGCTACTCCTCCTACTCCAACCTTACAACCT
 CCCAGGTGGTGGTGGGGCTCTGACTACAGCTACGACAGCAAATTCAACTACAGTGGGAGTGGAGGCCG
 GAGTGGAGGCAACAGCTATGGCTCCAGCGGGTCACTCGTCTACAACACAGGCTCAGTGGAGGCTATGGC
 ACAGGCTCCGGAGGCAGCTTTCATACCAAGGCAACAAGGAGGCTACTCATCACAGTCAAACCTACAGCT
 CACCTGGTCCAGCCAGAGCTACAGTGGTCTGCCAGCTCCTACCAGTCTCACAGGGTGGCTACAGTCG
 GAACACAGAGCACAGCATGAACTACCAGTACAGA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >MG224636 representing NM_001042707
 Red=Cloning site Green=Tags(s)

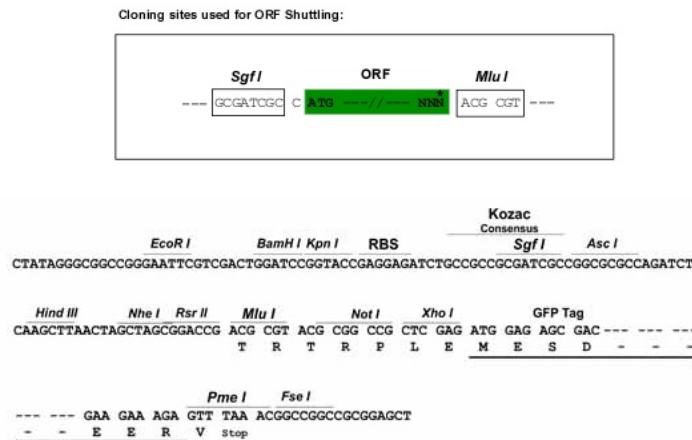
MRPMRIFVNDRRHVMMAKHSSVYPTQEELEAVQNMVSHTERALKAVSDWIDEQEKGNSELSEAENMDTPPD
 DESKEGAGEQKAEHMTRTLRGVMRVGLVAKGLLLKGDLDLELVLLCKEKPTTALLDKVADNLAIQLTTVT
 EDKYEILQSVDDAAIVIKNTKEPPLSLTIHLTPVVREEMEKVLGETLSVNDPPDVLDRQKCLAALASL
 RHAKWFQARANGLKSCVIVIRVLRDLCTRVPWTGPLRGWPELELCEKSIGTANRPMGAGEALRRVLECLA
 SGIVMPDGSIGYDPCEKEATDAIGHLDROQREDITQSAQHALLRLAAFQQLHKVLGMDPLPSKMPKPKNE
 NPVDYTVQIIPPSTTYAITPMKRPMEEEDGEKSPSKKKKIKQKKEEKADPPQAMNALMRLNQLKPGLYKL
 ISQTGPVHAPIFTMSVEVDGSNFEASGPSKKTAKLHVAVKVLQDMGLPTGAEGRDSKGEDSAEESDGKP
 AIVAPPPVVEAVSNPSSVFPDATTEQGPILTKHGKNPVMELNEKRRGLKYELISETGGSHDKRFVMEVE
 VDGKQFQAGSNKKVAKAYAALAALAEKLPDTPLEANKKKRTPVVRGGPKFAAKPHNPFGMGGPMH
 NEVPPPNIRGRGRGNIRGRGRGRGGANHGGGYMAGAGYGSYGYSSNSATAGYSQFYNSGGHSGNA
 GGGGGGGGGSSSYSSYQGDSPVPPKHAGKKPLHGGQKASYSYSGYQSHQGGQQPYNQSQYSYGT
 PQGKQKGYGHGQGSYSSYNSYNSPGGGGSDYSYDYSKFNYSYSGGSRGGNSYSGSSSSSYNTGSHGGY
 TSGGGSSSYQKQGGYSSQSNYSSPSSQSYSGPASSYQSSQGGYSRNTEHSMNYQYR

TRTRPLE - GFP Tag - V

Restriction Sites:

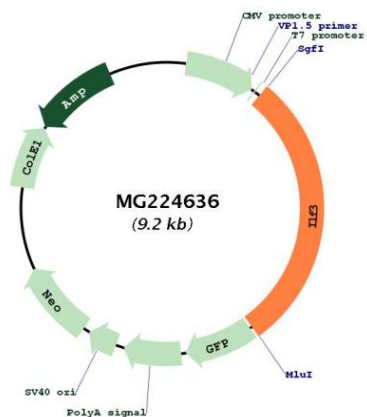
SgfI-MluI

Cloning Scheme:



ACCN:	NM_001042707
ORF Size:	2694 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	3418 bp
RefSeq ORF:	2697 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]

Product images:



Circular map for MG224636