OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MG224221

Ilf3 (NM_010561) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ilf3 (NM_010561) 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:

>MG224221 representing NM_010561
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCATTGTATCATCATCACTTCATCACAAGAAGAAGAAGGCGTCCCATGAGAATTTTTGTGAATGATG
ATCGCCACGTGATGGCAAAGCATTCTTCAGTGTACCCAACACAAGAGGAGCTGGAGGCTGTACAGAACAT
GGTGTCCCATACTGAGCGGGCCCTGAAGGCTGTCTCTGACTGGATTGATGAGCAGGAGAAAGGCAACAGC
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GCAAACAAGGAGGCTACTCATCACAGTCAAACTACAGCTCACCTGGGTCCAGCCAGAGCTACAGTGGTCC
TGCCAGCTCCTACCAGTCCTCACAGGGTGGCTACAGTCGGAACACAGAGCACAGCATGAACTACCAGTAC
AGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG224221 representing NM_010561
Red=Cloning site Green=Tags(s)

MALYHHHFITRRRRRPMRIFVNDDRHVMAKHSSVYPTQEELEAVQNMVSHTERALKAVSDWIDEQEKGNS
ELSEAENMDTPPDDESKEGAGEQKAEHMTRTLRGVMRVGLVAKGLLLKGDLDLELVLLCKEKPTTALLDK
VADNLAIQLTTVTEDKYEILQSVDDAAIVIKNTKEPPLSLTIHLTSPVVREEMEKVLAGETLSVNDPPDV
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GGSHDKRFVMEVEVDGQKFQGAGSNKKVAKAYAALAALEKLFPDTPLALEANKKKRTPVPVRGGPKFAAK
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QPYNQSQYSSYGTPQGKQKGYGHGQGSYSSYSNSYNSPGGGGGSDYSYDSKFNYSGSGGRSGGNSYGSSG
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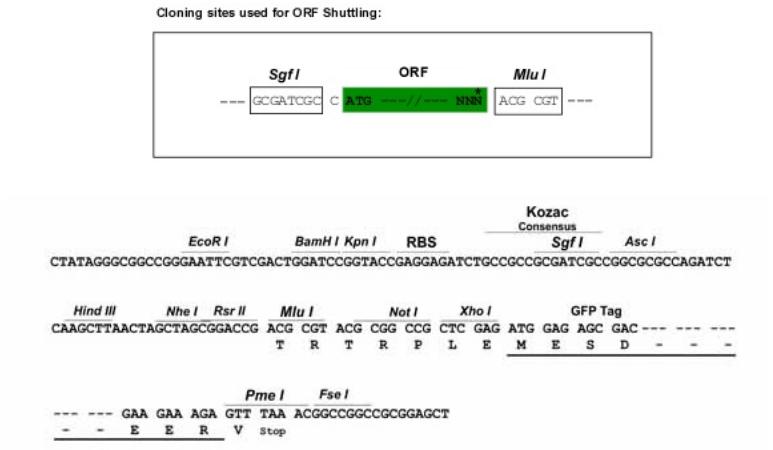
R

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

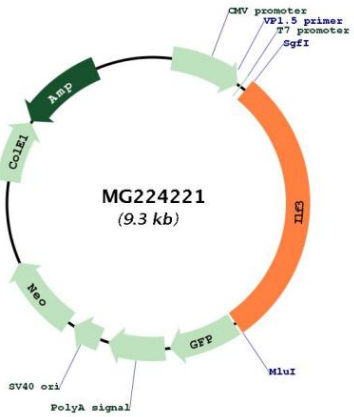
Cloning Scheme:



ACCN: NM_010561

ORF Size:	2733 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:	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:	3457 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]

Product images:



Circular map for MG224221