

Product datasheet for **RG224074**

ILRUN (NM_022758) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ILRUN (NM_022758) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ILRUN
Synonyms: C6orf106; dj391O22.4; FP852
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG224074 representing NM_022758
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGGCATGGACGTAGACCTGGACCCGGAGCTGATGCAGAAGTTCAGCTGCCTGGGCACCACCGACA
AGGACGTGCTCATCTCCGAGTTCAGAGGCTGCTCGGCTTCCAGCTCAATCCTGCCGTTGCGCCTTCTT
CCTGGACATGACCAACTGGAACCTACAAGCAGCAATTGGCGCTATTGACTTTGAGAGCCAAACATC
AGTGTGCCCTCTATGTCCTTTGTTGAAGATGTCACCATAGGAGAAGGGGAGTCAATACCTCCGGATACTC
AGTTTGTAAAAACATGGCGGATCCAGAATCTGATGTCATCTGGGTGATTCTCAGTGTGGAGGTGGGTGG
ACTTTTAGGAGTAACGCAGCAGCTGTATCTTTTAAAACGGAGTTCAACACACAGCCGCATCGTAAGGTA
GAAGGAAACTTCAACCCTTTTGCCTCTCCCAAAGAACCACAATCAGATGAAAACAACCTAAAAGACC
CTGGGGCTCCGAGTTCGACTCGATCAGCAAAAACACATGGGCTCCTGCTCCTGACACATGGGCTCCTGC
TCCTGACCAAACTGAGCAAGACCAGAAATAGACTGTCACAGAACTCTGAAATCTGTCTCCAGCAGTCAAC
GCAAAACAATTATCAGTAGTGACTTACAGTAAGGGGCTCCATGGGCTTACCCCTTCGGCCAGTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

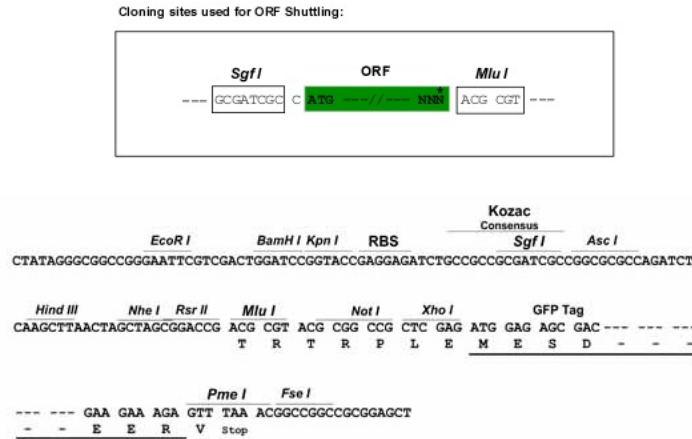
Protein Sequence: >RG224074 representing NM_022758
 Red=Cloning site Green=Tags(s)

MEGMDVDLDPELMQKFSLGTTDKDVLISEFQRLGFLNPAGCAFFLDMTNWNLQAAIGAYYDFESPNI
 SVPSMSFVEDVTIGEGESIPPDTQFVKTWRIQNSDVIWVILSVEVGGLLGVTTQLSSFETEFNTQPHRKV
 EGNFNPFASPOKNRQSDENNLKDPGGSEFDSISKNTWAPADTWAPADQTEQDQNRLSQNSVNLSPSSH
 ANNLSVVTYSKGLHGPPYFGQS

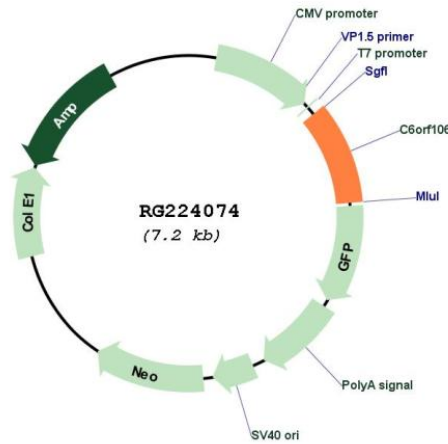
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_022758

ORF Size: 696 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_022758.6
RefSeq Size:	4232 bp
RefSeq ORF:	699 bp
Locus ID:	64771
UniProt ID:	Q9H6K1
Cytogenetics:	6p21.31
Gene Summary:	Negative regulator of innate antiviral response. Blocks IRF3-dependent cytokine production such as IFNA, IFNB and TNF (PubMed:29802199). Interacts with IRF3 and inhibits IRF3 recruitment to type I IFN promoter sequences while also reducing nuclear levels of the coactivators EP300 and CREBBP (PubMed:29802199).[UniProtKB/Swiss-Prot Function]