

Product datasheet for **SC112447**

ILRUN (NM_022758) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ILRUN (NM_022758) Human Untagged Clone
Tag:	Tag Free
Symbol:	ILRUN
Synonyms:	C6orf106; dj391O22.4; FP852
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_022758, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGGCATGGACGTAGACCTGGACCCGGAGCTGATGCAGAAGTTCAGCTGCCTGGGCACCACCGACA  
AGGACGTGCTCATCTCCGAGTTCAGAGGCTGCTCGGCTTCCAGCTCAATCCTGCCGTTGCGCCTTCTT  
CCTGGACATGACCAACTGGAACCTACAAGCAGCAATTGGCGCCTATTGACTTTGAGAGCCCAAACATC  
AGTGTGCCCTCTATGTCCTTTGTTGAAGATGTCCCATAGGAGAAGGGGAGTCAATACCTCCGGATACTC  
AGTTTGTAAAAACATGGCGGATCCAGAATTCTGATGTCATCTGGGTGATTCTCAGTGTGGAGGTGGGTGG  
ACTTTTAGGAGTAACGCAGCAGCTGTCATCTTTTCAAACGGAGTTCAACACACAGCCGCATCGTAAGGTA  
GAAGGAACTTCAACCCTTTTGCCTCTCCCAAAGAACCACAATCAGATGAAAACAACCTAAAAGACC  
CTGGGGCTCCGAGTTCGACTCGATCAGCAAAAACACATGGGCTCCTGCTCCTGACACATGGGCTCCTGC  
TCCTGACCAAACTGAGCAAGACCAGAATAGACTGTACAGAACTCTGTAATCTGTCTCCAGCAGTCCAC  
GCAAAACAATTATCAGTAGTGACTTACAGTAAGGGGCTCCATGGGCTTACCCCTTCGGCCAGTCTTAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_022758 unedited GTGCACCATTTTGTAAATACGAACTCACTATAGGGCGGCCGCGATTTCGGCACGAGGGANAA AAGCTTGTGTGAAATTCCTCTTACCTCCCCACCCCAAAAAATAAAGGGGGCATAA ACTTTATTCCACTGGAGAAGCCCTGGGGTGGCTGGAGCCAGCCTGCTGAGAAGCGTGGT GCAGCTGGGTCTGGGACTTCACTAGAGCTTACTCTGGAGCACCTATTTTCTGTGCACATG GGAGTGTCCACTCCCTAGCAGAGCAGAGGGAAGTCTCTGCCAGGTACCCACGCCACAGG CCTCAGGATGGCTTTTGTCTGAGGGCCATTAGGCCAGACTGCTGCTGCTGTGTACCA GTCTCCTGAGACACTGCCTCCCTGGAGCCATGCATGCCAGCTGTTCTTACTGCTTAGT AGCCTTGAAGCAGCACATCTCCACTGTCCCTGGCAGGATTGTGGGAGGCTTCACAACCC TGCTTCTGACTTCTCTTCTGCCAACACTGGGTGCCCTTCCCAGTTTCCCAGCAGG GGCTTCATGGGCCACCGTCAGTGGGTCTGGGCCTGCCAGAGTCGTCTTGCTTCTCCTCTT GCTTCTAGGCAACCACACTTGGCAAGTAAATGTCCCAAGCACCTGTCTCCCTCCCAA GAACAAACCATTTCTGTGCACATCCTTGGNAGCGAGATGAGCTCCTTGACAGGGCCAGA TAAGTGAAGTCATGGAGTGCACGCAGAGGGTCCATGGCTTCCCACCCAGGGAGGGN ATCAGTATCATTCTCTCTCCCTCACTGGTATGGGTTCAANAAGCATGCCTAAGGCC CCTCTGCTCCCTGNCTANTGGGTGGGAGGGCCTACCTCTCAACCCATAAGCCCCG GTTCTTTTAGAATCCTCACCCAATGGCAG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_022758 unedited GGCTCTGCGTGTGATATTATCCTACAAATTTNATTTATACAATAAGGGAAAAACCTCCT CATCTTTATCTCCTCCTAGGCACCATGAGGCCACCACAAACATCCAGCTGGCTTTCTA CACACACCACTGTCCAGGTGGGAAGGGCAGCCACTGCTGCTCCTGCATTACCCAAGGAA ACAAGGAAAGGTGCGGGCAGGCAGGGTGGGGTGAAGTAAATCAGCTTGCACTTCTGAGCCC TGGCAACCCTACCATCCTCTCCTGCTGGGCTCAGATTGAATTTGGGGAGGTATTTATTCT CATGCCATTTCCACCATGGCCACCCTCAGGCCACACCAGCTGTTTGGTGAAGTTCTCT CCAGGCTGGAAGTAACTTTGATGGGCTTAAGGTTACAGCCAGTCCTATGGGGGAGAGAA GGCTGACTGCTTCTGTAGAAAAATGCCCAAATCAACTGTCCTCACGGCAAAAAGAAA AAAAGCATGCACACGTGCACATCCATCCACACACACACCTCACTCCATGCACACTGAC AGATTCTCCCAAGTCTGAACCCCTCTGTCTCCCAACTGGGTTGAGACCCTATCACCTA ACCATGGTGTCTGCCTCACCTCCTGAGCGCCAGACGAGGTGGTCTGCCAGAGGTGGC CTGCCACTTGGTGAAGATTCTAAGAGGAGCAGGGACTATTGGGGCTGAAAAGTACCCACT ACCACCCCACTAAGCAGGGGAACAGATAGGGGCCCTTAGCATTGTTCTGAACCCTACCCA TGAAGGGAGAGAGATGAATGATCCTGTACCCTCCCTGGGCTGGGAAGCCTGGACCCCTT TGCTGCACTCCATGATTGCCCTTACTTTGGCCCTCTGAAGGAGCTATTCCGCCCTCCAAG ATCGCCAG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_022758
Insert Size:	1620 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:

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_022758.3](#), [NP_073595.1](#)

RefSeq Size: 4235 bp

RefSeq ORF: 393 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] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. It encodes isoform b, which is shorter than isoform a.