

Product datasheet for **SC317336**

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317336 representing NM_022758. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGGCATGGACGTAGACCTGGACCCGGAGCTGATGCAGAAGTTCAGCTGCCTGGGCACCACCGAC
AAGGACGTGCTCATCTCCGAGTTCAGAGGCTGCTCGGCTTCCAGCTCAATCCTGCCGTTGCGCCTTC
TTCCTGGACATGACCAACTGGAACCTACAAGCAGCAATTGGCGCCTATTGACTTTGAGAGCCAAAC
ATCAGTGTGCCCTCTATGTCCTTTGTTGAAGATGTCACCATAGGAGAAGGGGAGTCAATACCTCCGGAT
ACTCAGTTTGAAAAACATGGCGGATCCAGAATCTGATGTCATCTGGGTGATTCTCAGTGTGGAGGTG
GGTGGACTTTTAGGAGTAACGCAGCAGCTGTCATCTTTGAAACGGAGTCAACACACAGCCGCATCGT
AAGGTAGAAGGAACTTCAACCCCTTTGCCTCTCCCAAAAAGAACCGACAATCAGATGAAAACAACTTA
AAAGACCTGGGGGCTCCGAGTTCGACTCGATCAGCAAAAACACATGGGCTCCTGCTCCTGACACATGG
GCTCCTGCTCCTGACCAAACTGAGCAAGACCAGAAATAGACTGTCACAGAACTCTGTAATCTGTCTCCC
AGCAGTCACGCAAACTTATCAGTAGTGACTTACAGTAAGGGGCTCCATGGGCCTTACCCCTTCGGC
CAGTCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_022758
Insert Size:	699 bp



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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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_022758.5</u>
RefSeq Size:	4235 bp
RefSeq ORF:	699 bp
Locus ID:	64771
UniProt ID:	<u>Q9H6K1</u>
Cytogenetics:	6p21.31
MW:	25.7 kDa
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.