

Product datasheet for MC225550

Ifi27l2a (NM_001281830) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifi27l2a (NM_001281830) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ifi27l2a
Synonyms:	2310061N23Rik; Ifi27; lsg12; lsg12(b1)
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225550 representing NM_001281830 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTGGGAACACTGTTTGGCTCTGCCATAGGAGGAGCTCTGGCTGTGGCAGGGGCACCTGTGGCCCTGG
 CTGCCATGGGCTTCACTGGGACAGGCATTGCAGCTGCCTCCATAGCAGCCAAGATGATGTCTGCTGCAGC
 AATTGCCAATGGAGGTGGAGTTGCAGCAGGAAGCCTGGTAGCCCACTCCAATCAGCAGGCCCGTCAAGT
 CCACTGTGCAGGAAGACACCCAGTGACTGAAGACAGCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001281830
Insert Size:	255 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001281830.1 , NP_001268759.1
RefSeq Size:	665 bp
RefSeq ORF:	255 bp
Locus ID:	76933
Cytogenetics:	12 E
Gene Summary:	<p>May be involved in the interferon-induced negative regulation of the transcriptional activity of NR4A1, NR4A2 and NR4A3 through the enhancement of XPO1-mediated nuclear export of these nuclear receptors (PubMed:22427340). Through the regulation of NR4A1 transcriptional activity, may play a role in the vascular response to injury (PubMed:22427340).</p> <p>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an exon and contains an alternate 3' exon, resulting in a distinct 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1.</p>