

Product datasheet for MR214862

Ifi27 (NM_194067) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifi27 (NM_194067) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ifi27
Synonyms:	1110013J02Rik; 2900026P10Rik; D12Ert647e; Ifi27I1; ISG12a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR214862 representing NM_194067 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTTTTTCGGGCACAGGGACACTGGTGGCTTCCATTGTCTCCAAGATGACATCTTCAGCAGCCATGG
TCAAAGCTGGAGGGGCAGTCTCTGGCACCATTCTAGCTGGTTCGAAGGGGCTCATCCTGTAAACACAGAG
TGCCCTGGGCTCTGCAACATCTGCACTTGGAGCACTGAAGGTTGGCACCATTTTATCTGGGTTCTCTGCC
TCCACCTTGGCTGCTTCCCCATTGGAGCCAAGGCTGTTGTGGCTGTGCTTGGGGAGCCATGACAGTAG
CTGCTGTACCACCTGCGCTGAGTGTGGGCTTCACCGCCTCAGGAATTGCAGCCTCCTCTCTAGCAGC
TAAGATGATGTCCTTGTGAGTATTGCTAATGGGGTGGAGTCCCAGCTGGTGGCCTGGTGGCCATTCTG
CAGTCTGTGGAGCTGCTGGACTCTCCGTGCCATCTACTGTCATCGTGGGCTCTGCAGGGTCTGCCGTTG
TGGCCAGTGTGATGAACATCTGTGAGAGTTTCTACCCCTTTCTCATGGGATCAGAGGTGGCAGACATGGC
GACAGAGGTGGCAGATAGGCGATAGAGGTGGCAGACATTTCAACAGAAGAGGCACTGCCAACTTGTCT
AACACAGAGAAGGAT

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR214862 representing NM_194067
Red=Cloning site Green=Tags(s)

MAFSGTGTLVASIVSKMTSSAAMVKAGGAVSGTILAGSKGLILLTQSALGSATSALGALKVGTILSGFSA
 STLAASPIGAKAVVAVLGGAMTVAAVPPALSAVGFTASGIAASSLAAKMMSLSAIAANGGGVPAGGLVAIL
 QSAGAAGLSVSPSTVIVGSAGSAVVASVMNICESFYPFLLMGSEVADMATEVADMAIEVADISTEEALPNLS
 NTEKD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_194067

ORF Size: 645 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_194067.2, NP_919043.1

RefSeq Size: 918 bp

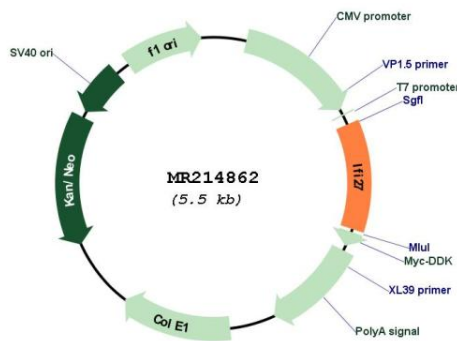
RefSeq ORF: 648 bp

Locus ID: 52668

Cytogenetics: 12 52.93 cM

MW: 20.8 kDa

Product images:



Circular map for MR214862