

Product datasheet for MR214861

Ifi27 (NM_026790) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifi27 (NM_026790) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ifi27
Synonyms:	1110013J02Rik; 2900026P10Rik; D12ErtD647e; Ifi27I1; ISG12a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR214861 representing NM_026790 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTTTTCGGGCACAGGGACACTGGTGGCTTCCATTGTCTCCAAGATGACATCTTCAGCAGCCATGG
TCAAAGCTGGAGGGCAGTCTCTGGCACCATTCTAGCTGGTTCGAAGGGGCTCATCCTGTTAACACAGAG
TGCCCTGGGCTCTGCAACATCTGCACTTGGAGCACTGAAGGTTGGCACCATTTTATCTGGGTTCTCTGCC
TCCACCTTGGCTGCTTCCCCATTGGAGAGGAACCTGCTTGGTGGCAGGGAGAAGAAAAGTGACTTCA
GATTTTCTTCCCCGAGCAGGCAAAGCAGCAAGAAGGCAGAGAAAGGAAGGACAAGCAAATCTACCT
GAAGGGTTTTGAGTTCTCCAGAGCCAAGGCTGTTGTGGCTGTGCTTGGGGAGCCATGACAGTAGCTGCT
GTACCACCTGCGCTGAGTGTGTGGGCTTACCAGCCTCAGGAATTGCAGCCTCCTCTCTAGCAGTAAGA
TGATGTCTTGTGAGCTATTGCTAATGGGGTGGAGTCCCAGCTGGTGGCCTGGTGGCCATTCTGCAGTC
TGCTGGAGCTGTGGACTCTCCGTGCCATCTACTGTGTCATCGTGGGCTCTGCAGGGTCTGCCGTTGTGGCC
AGTGTCATGAACATCTGTGAGAGTTTCTACCCTTTTCTCATGGGATCAGAGGTGGCAGACATGGCGACAG
AGGTGGCAGATATGGCGATAGAGGTGGCAGACATTTCAACAGAAGAGGCACTGCCAACTTGCTAACAC
AGAGAAGGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >MR214861 representing NM_026790
 Red=Cloning site Green=Tags(s)

MAFSGTGTLVASIVSKMTSSAAMVKAGGAVSGTILAGSKGLILLTQSAALGSATSALGALKVGTILSGFSA
 STLAASPIGEEPALVGREKKSDFRFSFPAAGKAARRQRKEGQSKIYLGKFEFSRAKAVVAVLGGAMTVAA
 VPPALSAVGFTASGIAASSLAAMMSLSAIANGGGVPAAGLVAILQSAGAAGLSVPSTVIVGSAGSAVVA
 SVMNICESFYFPLMGSEVADMATEVADMAIEVADISTEEALPNLSNTEKD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9027_e09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_026790

ORF Size: 780 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_026790.2](#), [NP_081066.2](#)

RefSeq Size: 1053 bp

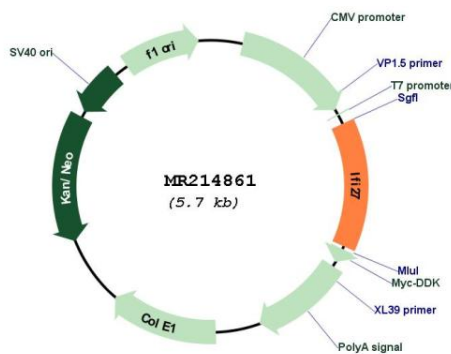
RefSeq ORF: 783 bp

Locus ID: 52668

Cytogenetics: 12 52.93 cM

MW: 26 kDa

Product images:



Circular map for MR214861