

Product datasheet for **MR215403**

Ifi2712a (NM_029803) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ifi2712a (NM_029803) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ifi2712a
Synonyms: 2310061N23Rik; Ifi27; lsg12; lsg12(b1)
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR215403 representing NM_029803
Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGGGAACACTGTTTGGCTCTGCCATAGGAGGAGCTCTGGCCGTGGCAGGGGCACCTGTGGCCCTGG
CTGCCATGGGCTTCACTGGGACAGGCATTGCAGCTGCCTCCATAGCAGCCAAGATGATGTCTGCTGCAGC
AATTGCCAATGGAGGTGGAGTTGCAGCAGGAAGCCTGGTAGCCACACTCCAATCAGCAGGGGTCCTTGA
CTCTCCACATCAACAAATGCCATCCTAGGGCTGCTGGGCAGCTGTTGGAGCCTTGCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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Cloning Scheme:



ACCN: NM_029803

ORF Size: 270 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_029803.1](#), [NM_029803.2](#), [NM_029803.3](#), [NP_084079.1](#)

RefSeq Size: 481 bp

RefSeq ORF: 273 bp

Locus ID: 76933

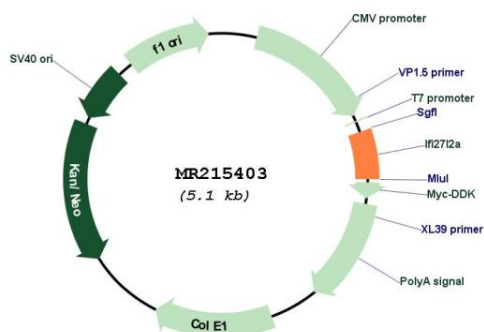
UniProt ID: [Q8R412](#)

Cytogenetics: 12 E

MW: 8.4 kDa

Gene Summary: 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). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR215403