

Product datasheet for MR206748L1

Irf8 (NM_008320) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Irf8 (NM_008320) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Irf8

Synonyms: Al893568; IC; Ics; ICSBP; Icsbp1; IRF; IRF-8; My; Myls

Mammalian Cell None

Selection:

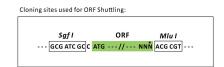
Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

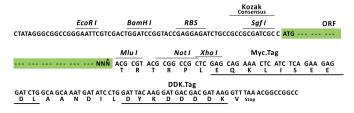
ORF Nucleotide The ORF insert of this clone is exactly the same as(MR206748).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.



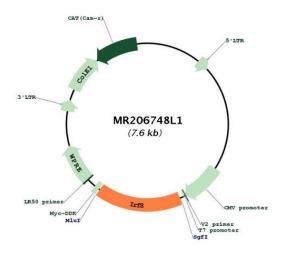
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Plasmid Map:



ACCN: NM_008320 **ORF Size:** 1275 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: <u>NM 008320.3</u>

RefSeq Size: 2855 bp RefSeq ORF: 1275 bp



Irf8 (NM_008320) Mouse Tagged Lenti ORF Clone - MR206748L1

 Locus ID:
 15900

 UniProt ID:
 P23611

 Cytogenetics:
 8 70.05 cM

Gene Summary: The protein encoded by this gene is a transcription factor that belongs to the interferon

regulatory factor family. Proteins belonging to this family have a DNA binding domain at the amino terminus that contains five well-conserved tryptophan-rich repeats. This domain recognizes DNA sequences similar to the interferon-stimulated response element. The protein encoded by this gene promotes or suppresses lineage-specific genes to regulate the differentation of lymphoid and myeloid lineage cells. Alternative splicing results in multiple

transcript variants. [provided by RefSeq, Sep 2014]