

## Product datasheet for **MR206748L4V**

### Irf8 (NM\_008320) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

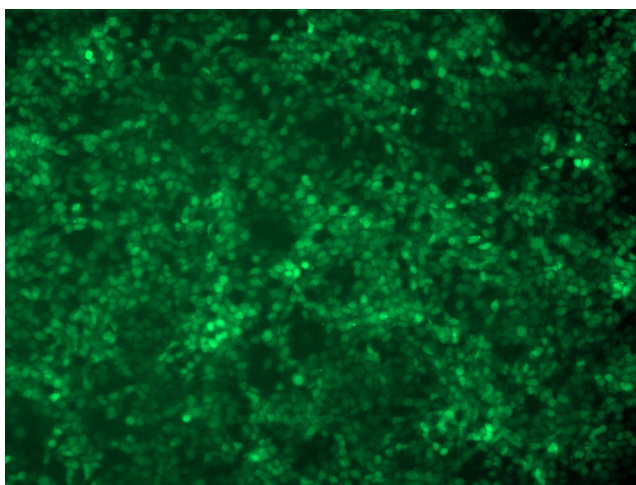
|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Irf8 (NM_008320) Mouse Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | Irf8   |
| Synonyms:                 | AI893568; IC; Ics; ICSBP; Icsbp1; IRF; IRF-8; My; Myls   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_008320  |
| ORF Size:                 | 1275 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR206748).   |
| 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. <a href="#">More info</a> |
| OTI Annotation:           | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.   |
| RefSeq:                   | <a href="#">NM_008320.3</a>  |
| RefSeq Size:              | 2855 bp  |
| RefSeq ORF:               | 1275 bp  |
| Locus ID:                 | 15900  |
| UniProt ID:               | <a href="#">P23611</a>   |
| Cytogenetics:             | 8 70.05 cM   |



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**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 differentiation of lymphoid and myeloid lineage cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]

**Product images:**

[MR206748L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR206748L4V particle to overexpress human Irf8-mGFP fusion protein.