

Product datasheet for **MR216195L4V**

Ikzf4 (NM_011772) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Ikzf4 (NM_011772) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Ikzf4 |
| Synonyms: | A630026H08Rik; Eos; Zfpn1a4; Znfn1a4 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_011772 |
| ORF Size: | 1758 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR216195). |
| 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. |
| RefSeq: | NM_011772.2 |
| RefSeq Size: | 3580 bp |
| RefSeq ORF: | 1761 bp |
| Locus ID: | 22781 |
| UniProt ID: | Q8C208 |
| Cytogenetics: | 10 D3 |



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Gene Summary:

DNA-binding protein that binds to the 5'GGGAATRCC-3' Ikaros-binding sequence. Interacts with SPI1 and MITF to repress transcription of the CTSK and ACP5 promoters via recruitment of corepressors SIN3A and CTBP2. May be involved in the development of central and peripheral nervous systems. Essential for the inhibitory function of regulatory T-cells (Treg). Mediates FOXP3-mediated gene silencing in regulatory T-cells (Treg) via recruitment of corepressor CTBP1 (PubMed:19696312).[UniProtKB/Swiss-Prot Function]