

Product datasheet for **RC214782L4V**

MAFA (NM_201589) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | MAFA (NM_201589) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | MAFA |
| Synonyms: | hMafA; INSDM; RIPE3b1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_201589 |
| ORF Size: | 1059 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC214782). |
| 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_201589.2 |
| RefSeq Size: | 1062 bp |
| RefSeq ORF: | 1062 bp |
| Locus ID: | 389692 |
| UniProt ID: | Q8NHW3 |
| Cytogenetics: | 8q24.3 |
| Protein Families: | Druggable Genome, ES Cell Differentiation/IPS |
| Protein Pathways: | Maturity onset diabetes of the young, Type II diabetes mellitus |



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MW: 36.8 kDa

Gene Summary: MAFA is a transcription factor that binds RIPE3b, a conserved enhancer element that regulates pancreatic beta cell-specific expression of the insulin gene (INS; MIM 176730) (Olbrot et al., 2002 [PubMed 12011435]).[supplied by OMIM, Mar 2008]