

OriGene Technologies, Inc.

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Product datasheet for RC205455L1V

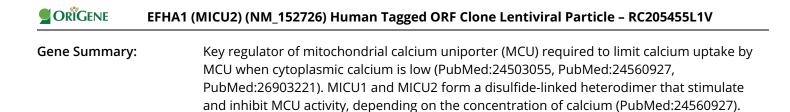
EFHA1 (MICU2) (NM_152726) Human Tagged ORF Clone Lentiviral Particle

Product data:

| Product Type: | Lentiviral Particles |
|------------------------------|---|
| Product Name: | EFHA1 (MICU2) (NM_152726) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | MICU2 |
| Synonyms: | 1110008L20Rik; EFHA1 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| ACCN: | NM_152726 |
| ORF Size: | 1302 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC205455). |
| 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. <u>More info</u> |
| 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: | <u>NM 152726.1</u> |
| RefSeq Size: | 1891 bp |
| RefSeq ORF: | 1305 bp |
| Locus ID: | 221154 |
| UniProt ID: | <u>Q8IYU8</u> |
| Cytogenetics: | 13q12.11 |
| Domains: | EFh |
| MW: | 49.5 kDa |



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triggering (PubMed:24560927).[UniProtKB/Swiss-Prot Function]

MICU2 acts as a gatekeeper of MCU that senses calcium level via its EF-hand domains: prevents channel opening at resting calcium, avoiding energy dissipation and cell-death

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