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# Product datasheet for MR200640L4V

## Qrfp (NM_183424) Mouse Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Symbol:** | Qrfp |
| **Synonyms:** | P51; P518; QR |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | NM_183424 |
| **ORF Size:** | 372 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(MR200640). |
| **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_183424.1, NP_906269.1 |
| **RefSeq Size:** | 2863 bp |
| **RefSeq ORF:** | 375 bp |
| **Locus ID:** | 227717 |
| **UniProt ID:** | Q8CE23 |
| **Cytogenetics:** | 2 B |

**Gene Summary:** This gene encodes a preproprotein that is proteolytically processed to generate multiple protein products. The encoded products are members of the RFamide family of neuropeptides, characterized by their common protein C-terminus consisting of an arginine (R) and an amidated phenylalanine (F). These products include the neuropeptides QRFP-26 (26RFa) and the N-terminally extended form, QRFP-43 (43RFa). Both of these neuropeptides bind to the pyroglutamylated RFamide peptide receptor (QRFPR) and may regulate blood pressure, reproduction and food intake. [provided by RefSeq, Sep 2015]