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# Product datasheet for MR219977L4V

## Rpl23a (NM_207523) Mouse Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Rpl23a (NM_207523) Mouse Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Rpl23a |
| **Synonyms:** | BC029892; MDA20 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | NM_207523 |
| **ORF Size:** | 471 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(MR219977). |
| **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_207523.2, NP_997406.1 |
| **RefSeq Size:** | 560 bp |
| **RefSeq ORF:** | 471 bp |
| **Locus ID:** | 268449 |
| **UniProt ID:** | P62751 |
| **Cytogenetics:** | 11 B5 |

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**Gene Summary:** Component of the ribosome, a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell. Binds a specific region on the 26S rRNA (By similarity). May promote p53/TP53 degradation possibly through the stimulation of MDM2-mediated TP53 polyubiquitination (By similarity).[UniProtKB/Swiss-Prot Function]