# Product datasheet for MR226057L4V

## Eif5a (NM_001166589) Mouse Tagged ORF Clone Lentiviral Particle

### Product data:

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|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Eif5a (NM_001166589) Mouse Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Eif5a |
| **Synonyms:** | AA410058; D19Wsu54; D19Wsu54e; eIF-4D; eIF-5A; eIF-5A-1; eIF-5A1; Eif4d; Eif5a1 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | NM_001166589 |
| **ORF Size:** | 465 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(MR226057). |
| **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_001166589.1, NP_001160061.1 |
| **RefSeq Size:** | 1455 bp |
| **RefSeq ORF:** | 465 bp |
| **Locus ID:** | 276770 |
| **UniProt ID:** | P63242 |
| **Cytogenetics:** | 11 B3 |

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**Gene Summary:**   This gene encodes an elongation initiation factor, which participates in protein synthesis. The encoded protein also plays roles in mRNA metabolism, cell proliferation, and cell cycle control. This protein contains a modified lysine residue called hypusine, which appears to be necessary for its function. Alternatively spliced transcript variants have been described. Related pseudogenes exist on chromosomes 2, 5, and 19. [provided by RefSeq, Oct 2009]