

Product datasheet for **RC227526L4V**

AFMID (NM_001145526) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | AFMID (NM_001145526) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | AFMID |
| Synonyms: | FKF; KF; KFA |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001145526 |
| ORF Size: | 924 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC227526). |
| 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_001145526.2 , NP_001138998.1 |
| RefSeq Size: | 1770 bp |
| RefSeq ORF: | 927 bp |
| Locus ID: | 125061 |
| UniProt ID: | Q63HM1 |
| Cytogenetics: | 17q25.3 |
| Protein Pathways: | Glyoxylate and dicarboxylate metabolism, Metabolic pathways, Tryptophan metabolism |
| MW: | 34.5 kDa |



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Gene Summary:

Catalyzes the hydrolysis of N-formyl-L-kynurenine to L-kynurenine, the second step in the kynurenine pathway of tryptophan degradation. Kynurenine may be further oxidized to nicotinic acid, NAD(H) and NADP(H). Required for elimination of toxic metabolites.
[UniProtKB/Swiss-Prot Function]