

Product datasheet for **MR224918L3V**

Ak5 (NM_001081277) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Ak5 (NM_001081277) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Ak5 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_001081277 |
| ORF Size: | 1686 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR224918). |
| 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_001081277.1 |
| RefSeq Size: | 3103 bp |
| RefSeq ORF: | 1689 bp |
| Locus ID: | 229949 |
| UniProt ID: | Q920P5 |
| Cytogenetics: | 3 H3 |



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Gene Summary:

Nucleoside monophosphate (NMP) kinase that catalyzes the reversible transfer of the terminal phosphate group between nucleoside triphosphates and monophosphates. Active on AMP and dAMP with ATP as a donor. When GTP is used as phosphate donor, the enzyme phosphorylates AMP, CMP, and to a small extent dCMP. Also displays broad nucleoside diphosphate kinase activity.[UniProtKB/Swiss-Prot Function]