

Product datasheet for **MR222631L4V**

Ltk (NM_206941) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Ltk (NM_206941) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Ltk |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_206941 |
| ORF Size: | 1911 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR222631). |
| 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_206941.1 , NP_996824.1 |
| RefSeq Size: | 2452 bp |
| RefSeq ORF: | 1914 bp |
| Locus ID: | 17005 |
| UniProt ID: | P08923 |
| Cytogenetics: | 2 59.97 cM |



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Gene Summary:

The protein encoded by this gene is a member of the ros/insulin receptor family of tyrosine kinases. Tyrosine-specific phosphorylation of proteins is a key to the control of diverse pathways leading to cell growth and differentiation. Four alternatively spliced transcript variants encoding different isoforms have been described for this gene. These transcripts are expressed in a tissue-specific manner in lymphocytes, brain and neuroblastoma cells, and the encoded isoforms exhibit different subcellular localization. The lymphocyte and brain specific variants initiate translation at non-AUG (CUG) start codons. [provided by RefSeq, Jul 2008]