

## Product datasheet for **MR221837L4V**

### Mthfd1l (NM\_001170785) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Mthfd1l (NM_001170785) Mouse Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | Mthfd1l  |
| Synonyms:                 | 2410004L15Rik; AI647056; Fthfsdc1  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001170785   |
| ORF Size:                 | 2931 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR221837).   |
| 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. <a href="#">More info</a> |
| 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:                   | <a href="#">NM_001170785.1</a> , <a href="#">NP_001164256.1</a>  |
| RefSeq Size:              | 3743 bp  |
| RefSeq ORF:               | 2934 bp  |
| Locus ID:                 | 270685   |
| UniProt ID:               | <a href="#">Q3V3R1</a>   |
| Cytogenetics:             | 10 A1  |



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**Gene Summary:**

May provide the missing metabolic reaction required to link the mitochondria and the cytoplasm in the mammalian model of one-carbon folate metabolism in embryonic an transformed cells complementing thus the enzymatic activities of MTHFD2.[UniProtKB/Swiss-Prot Function]