

Product datasheet for **MR211087L4V**

Mtbp (NM_134092) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Mtbp (NM_134092) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Mtbp |
| Synonyms: | AI429604; MDM2BP |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_134092 |
| ORF Size: | 2682 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR211087). |
| 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_134092.3 , NP_598853.3 |
| RefSeq Size: | 3164 bp |
| RefSeq ORF: | 2685 bp |
| Locus ID: | 105837 |
| UniProt ID: | Q8BJS8 |
| Cytogenetics: | 15 D1 |



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Gene Summary:

May play a role in MDM2-dependent p53/TP53 homeostasis in unstressed cells. Inhibits autoubiquitination of MDM2, thereby enhancing MDM2 stability. This promotes MDM2-mediated ubiquitination of p53/TP53 and its subsequent degradation. Inhibits cell migration in vitro and suppresses the invasive behavior of tumor cells.[UniProtKB/Swiss-Prot Function]