

Product datasheet for **MR225848L4V**

Runx1t1 (NM_009822) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Runx1t1 (NM_009822) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Runx1t1 |
| Synonyms: | Cbfa2t1h; ETO; MTG8 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_009822 |
| ORF Size: | 1731 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR225848). |
| 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_009822.2 , NP_033952.1 |
| RefSeq Size: | 5862 bp |
| RefSeq ORF: | 1734 bp |
| Locus ID: | 12395 |
| UniProt ID: | Q61909 |
| Cytogenetics: | 4 5.88 cM |



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Gene Summary:

Transcriptional corepressor which facilitates transcriptional repression via its association with DNA-binding transcription factors and recruitment of other corepressors and histone-modifying enzymes. Can repress the expression of MMP7 in a ZBTB33-dependent manner. Can repress transactivation mediated by TCF12 (By similarity). Acts as a negative regulator of adipogenesis (PubMed:23527555).[UniProtKB/Swiss-Prot Function]