

Product datasheet for **MR208906L3V**

Zmynd11 (BC022945) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | Zmynd11 (BC022945) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Zmynd11 |
| Synonyms: | 2210402G22Rik; BS69 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | BC022945 |
| ORF Size: | 1686 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR208906). |
| 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: | BC022945.1 |
| RefSeq Size: | 3011 bp |
| RefSeq ORF: | 1688 bp |
| Locus ID: | 66505 |
| Cytogenetics: | 13 A1 |



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Gene Summary:

Chromatin reader that specifically recognizes and binds histone H3.3 trimethylated at 'Lys-36' (H3.3K36me3) and regulates RNA polymerase II elongation. Does not bind other histone H3 subtypes (H3.1 or H3.2). Colocalizes with highly expressed genes and functions as a transcription corepressor by modulating RNA polymerase II at the elongation stage (PubMed:24590075). Binds non-specifically to dsDNA (By similarity). Acts as a tumor-suppressor by repressing a transcriptional program essential for tumor cell growth (PubMed:24590075).[UniProtKB/Swiss-Prot Function]