

Product datasheet for **MR210308L3V**

Zfp219 (NM_027248) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Zfp219 (NM_027248) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Zfp219 |
| Synonyms: | 2010302A17Rik; Znf219 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_027248 |
| ORF Size: | 2181 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR210308). |
| 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_027248.1 , NP_081524.1 , NP_081524.2 |
| RefSeq Size: | 2938 bp |
| RefSeq ORF: | 2181 bp |
| Locus ID: | 69890 |
| UniProt ID: | Q6IQX8 |
| Cytogenetics: | 14 C2 |



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Gene Summary:

Transcriptional regulator (PubMed:20940257). Recognizes and binds 2 copies of the core DNA sequence motif 5'-GGGG-3' (PubMed:20940257). Binds to the HMGN1 promoter and may repress HMGN1 expression (By similarity). Regulates SNCA expression in primary cortical neurons (By similarity). Binds to the COL2A1 promoter and activates COL2A1 expression, as part of a complex with SOX9 (PubMed:20940257). Plays a role in chondrocyte differentiation (PubMed:20940257).[UniProtKB/Swiss-Prot Function]