# Product datasheet for RC209556L3V

## ZMYM3 (NM_005096) Human Tagged ORF Clone Lentiviral Particle

## Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | ZMYM3 (NM_005096) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | ZMYM3 |
| **Synonyms:** | DXS6673E; MYM; XFIM; ZNF198L2; ZNF261 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_005096 |
| **ORF Size:** | 4110 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC209556). |
| **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_005096.3, NP_005087.1 |
| **RefSeq Size:** | 5611 bp |
| **RefSeq ORF:** | 4113 bp |
| **Locus ID:** | 9203 |
| **UniProt ID:** | Q14202 |
| **Cytogenetics:** | Xq13.1 |
| **Protein Families:** | Transcription Factors |
| **MW:** | 152.4 kDa |

View online »

**Gene Summary:** This gene is located on the X chromosome and is subject to X inactivation. It is highly conserved in vertebrates and most abundantly expressed in the brain. The encoded protein is a component of histone deacetylase-containing multiprotein complexes that function through modifying chromatin structure to keep genes silent. A chromosomal translocation (X;13) involving this gene is associated with X-linked cognitive disability. Several alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2010]