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# Product datasheet for MR211825L4V

## Dhx30 (BC016202) Mouse Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Dhx30 (BC016202) Mouse Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Dhx30 |
| **Synonyms:** | HELG, Ddx30 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | BC016202 |
| **ORF Size:** | 3669 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(MR211825). |
| **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:** | BC016202.1 |
| **RefSeq Size:** | 3768 bp |
| **RefSeq ORF:** | 3671 bp |
| **Locus ID:** | 72831 |
| **Cytogenetics:** | 9 F2 |

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**Gene Summary:** RNA-dependent helicase (PubMed:25219788). Plays an important role in the assembly of the mitochondrial large ribosomal subunit (By similarity). Required for optimal function of the zinc-finger antiviral protein ZC3HAV1 (By similarity). Associates with mitochondrial DNA (By similarity). Involved in nervous system development and differentiation through its involvement in the up-regulation of a number of genes which are required for neurogenesis, including GSC, NCAM1, neurogenin, and NEUROD (PubMed:25219788).[UniProtKB/Swiss-Prot Function]