

Product datasheet for **MR226488L3V**

Dhx30 (NM_133347) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dhx30 (NM_133347) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dhx30
Synonyms:	2810477H02Rik; C130058C04Rik; Ddx30; HELG; Ret-CoR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_133347
ORF Size:	3651 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226488).
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_133347.2 , NP_579925.1
RefSeq Size:	3903 bp
RefSeq ORF:	3654 bp
Locus ID:	72831
UniProt ID:	Q99PU8
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]