

Product datasheet for **RC200044L4V**

DHX38 (NM_014003) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DHX38 (NM_014003) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DHX38
Synonyms:	DDX38; PRP16; PRPF16; RP84
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014003
ORF Size:	3681 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200044).
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_014003.3
RefSeq Size:	4470 bp
RefSeq ORF:	3684 bp
Locus ID:	9785
UniProt ID:	Q92620
Cytogenetics:	16q22.2
Domains:	DEAD, helicase_C, HA2
Protein Pathways:	Spliceosome



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MW: 140.3 kDa

Gene Summary: DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The protein encoded by this gene is a member of the DEAD/H box family of splicing factors. This protein resembles yeast Prp16 more closely than other DEAD/H family members. It is an ATPase and essential for the catalytic step II in pre-mRNA splicing process. [provided by RefSeq, Jul 2008]