Product datasheet for RC223929L3V

DHX36 (NM_020865) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DHX36 (NM_020865) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DHX36
Synonyms:	DDX36; G4R1; MLEL1; RHAU
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_020865
ORF Size:	3024 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223929).
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_020865.1, NP_065916.1
RefSeq Size:	3600 bp
RefSeq ORF:	3027 bp
Locus ID:	170506
UniProt ID:	Q9H2U1
Cytogenetics:	3q25.2
Domains:	DEAD, helicase_C, HA2
MW:	114.6 kDa

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Gene Summary:

This gene is a member of the DEAH-box family of RNA-dependent NTPases which are named after the conserved amino acid sequence Asp-Glu-Ala-His in motif II. The protein encoded by this gene has been shown to enhance the deadenylation and decay of mRNAs with 3'-UTR AU-rich elements (ARE-mRNA). The protein has also been shown to resolve into single strands the highly stable tetramolecular DNA configuration (G4) that can form spontaneously in guanine-rich regions of DNA. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]