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Product datasheet for RC216268L3V

DDX42 (NM_007372) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DDX42 (NM_007372) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DDX42
Synonyms:	DDX42P; RHELP; RNAHP; SF3B8; SF3b125
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007372
ORF Size:	2814 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216268).
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_007372.2, NP_031398.2
RefSeq Size:	4014 bp
RefSeq ORF:	2817 bp
Locus ID:	11325
UniProt ID:	Q86XP3
Cytogenetics:	17q23.3
Domains:	DEAD, helicase_C
Protein Pathways:	Spliceosome

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MW: 102.8 kDa

Gene Summary: This gene encodes a member of the Asp-Glu-Ala-Asp (DEAD) box protein family. Members of this protein family are putative RNA helicases, and 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. Members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]