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Product datasheet for RC205247L3V

Gemin 3 (DDX20) (NM_007204) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gemin 3 (DDX20) (NM_007204) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Gemin 3
Synonyms:	DP103; GEMIN3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007204
ORF Size:	2472 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC205247).`
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_007204.3
RefSeq Size:	3513 bp
RefSeq ORF:	2475 bp
Locus ID:	11218
UniProt ID:	Q9UHI6
Cytogenetics:	1p13.2
Domains:	DEAD, helicase_C
Protein Families:	Druggable Genome

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MW: 92.2 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. This gene encodes a DEAD box protein, which has an ATPase activity and is a component of the survival of motor neurons (SMN) complex. This protein interacts directly with SMN, the spinal muscular atrophy gene product, and may play a catalytic role in the function of the SMN complex on RNPs. [provided by RefSeq, Jul 2008]