

Product datasheet for **RC208227L1V**

DHX29 (NM_019030) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DHX29 (NM_019030) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DHX29
Synonyms:	DDX29
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_019030
ORF Size:	4107 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208227).
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_019030.2
RefSeq Size:	4491 bp
RefSeq ORF:	4110 bp
Locus ID:	54505
UniProt ID:	Q7Z478
Cytogenetics:	5q11.2
MW:	155.3 kDa



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Gene Summary:

This gene encodes a member of the DEAH (Asp-Glu-Ala-His) subfamily of proteins, part of the DEAD (Asp-Glu-Ala-Asp) box family of RNA helicases. The encoded protein functions in translation initiation, and is specifically required for ribosomal scanning across stable mRNA secondary structures during initiation codon selection. This protein may also play a role in sensing virally derived cytosolic nucleic acids. Knockdown of this gene results in reduced protein translation and impaired proliferation of cancer cells. [provided by RefSeq, Sep 2016]