

Product datasheet for RC214668L4

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OriGene Technologies, Inc.

DHX35 (NM_021931) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: DHX35 (NM_021931) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: DHX35

Synonyms: C20orf15; DDX35; KAIA0875

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Sgfl-Mlul

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC214668).

Sequence:

Restriction Sites: Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_021931

ORF Size: 2109 bp



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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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 021931.2</u>

 RefSeq Size:
 3336 bp

 RefSeq ORF:
 2112 bp

 Locus ID:
 60625

 UniProt ID:
 Q9H5Z1

Cytogenetics: 20q11.23-q12

Domains: DEAD, helicase C, HA2

MW: 78.9 kDa

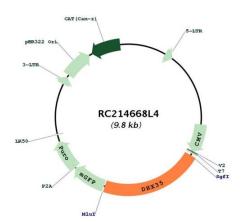
Gene Summary: DEAD box proteins characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative

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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The function of this gene product which is a member of this family, has not been determined. Alternatively spliced transcript variants

have been found for this gene. [provided by RefSeq, Jun 2010]



Product images:



Circular map for RC214668L4