

Product datasheet for **RG240028**

DHX8 (NM_001302623) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DHX8 (NM_001302623) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DHX8
Synonyms:	DDX8; Dhr2; HRH1; PRP22; PRPF22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG240028 representing NM_001302623. Blue=ORF Red=Cloning site Green=Tag(s)

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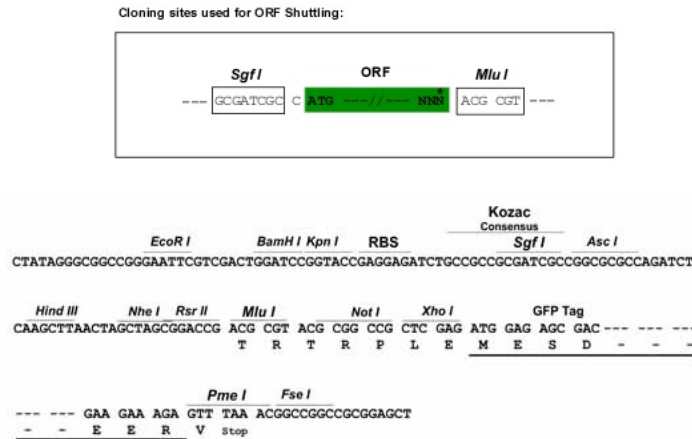
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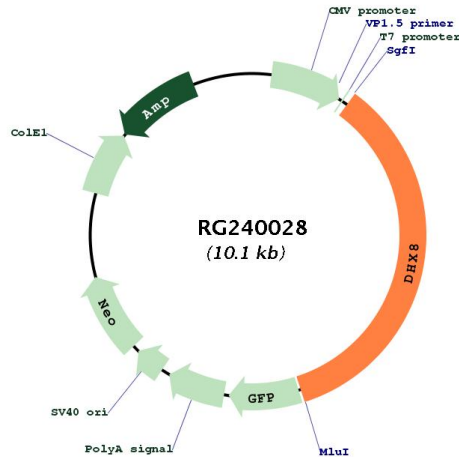
Protein Sequence: >Peptide sequence encoded by RG240028
 Blue=ORF Red=Cloning site Green=Tag(s)

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Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001302623

ORF Size: 3543 bp

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).

RefSeq: [NM_001302623.2](#)

RefSeq Size: 3875 bp

RefSeq ORF: 3546 bp

Locus ID: 1659

UniProt ID: [Q14562](#)

Cytogenetics: 17q21.31

Protein Pathways: Spliceosome

MW: 134.5 kDa

Gene Summary:

This gene is a member of the DEAH box polypeptide family. The encoded protein contains the DEAH (Asp-Glu-Ala-His) motif which is characteristic of all DEAH box proteins, and is thought to function as an ATP-dependent RNA helicase that regulates the release of spliced mRNAs from spliceosomes prior to their export from the nucleus. This protein may be required for the replication of human immunodeficiency virus type 1 (HIV-1). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]