



## shRNA Adeno-associated Virus Serotype 2, pU6-(DHX15-shRNA-Seq2)

Cat. No.: AAV-SI0007WQ

For Research Use Only. Do NOT use in humans or animals.

### PRODUCT INFORMATION

#### Product Overview

This product is a DHX15-shRNA encoding AAV, which is based on AAV-2 serotype. The protein encoded by DHX15 is a putative ATP-dependent RNA helicase implicated in pre-mRNA splicing. Misregulation of this gene has been implicated in tumorigenesis. The expression of DHX15-shRNA leads to target gene silencing and this product can be used in gene therapy research and development.

### SPECIFICATIONS

<b>Family</b>	Parvoviridae
<b>Species</b>	Adeno-associated virus (AAV)
<b>Serotype</b>	AAV-2
<b>Backbone</b>	AAV-2
<b>Tropism</b>	CNS, muscle, liver, brain, eye
<b>Insert</b>	DHX15-shRNA-Seq2
<b>Related Target/Protein</b>	DHX15
<b>Region</b>	CDS
<b>NCBI RefSeq</b>	NM_001358
<b>Alternative Names</b>	DBP1; HRH2; DDX15; PRP43; PRPF43; PrPp43p
<b>Titer</b>	>1*10 <sup>10</sup> GC/mL
<b>Related Diseases</b>	Acute myeloid leukemia (AML)

## GENE INFORMATION

**Full name** DEAH-box helicase 15

**Target Introduction** The protein encoded by this gene is a putative ATP-dependent RNA helicase implicated in pre-mRNA splicing.