

Recombinant Human DHX9 protein, GST-tagged

Cat. No. DHX9-631H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DHX9(1 a.a. - 90 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1 a.a. - 90 a.a.
Description	This gene encodes a member of the DEAH-containing family of RNA helicases. The encoded protein is an enzyme that catalyzes the ATP-dependent unwinding of double-stranded RNA and DNA-RNA complexes. This protein localizes to both the nucleus and the cytoplasm and functions as a transcriptional regulator. This protein may also be involved in the expression and nuclear export of retroviral RNAs. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 11 and 13.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	35.64 kDa
AA Sequence	MGDVKNFLYAWCGKRKMTPSYEIRAVGNKNRQKFMCEVQVEGYNYTGMGNSTNK KDAQSNAARDFVNLYLRINEIKSEEVPAGFVASPPP
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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Antibody Production; Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name DHX9 DEAH (Asp-Glu-Ala-His) box polypeptide 9 [Homo sapiens]

Official Symbol DHX9

Synonyms DHX9; DEAH (Asp-Glu-Ala-His) box polypeptide 9; DDX9, DEAD/H (Asp Glu Ala Asp/His) box polypeptide 9 (RNA helicase A, nuclear DNA helicase II; leukophysin) , LKP; ATP-dependent RNA helicase A; NDH II; RHA; leukophysin; DEAH box protein 9; nuclear DNA helicase II; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 9; LKP; DDX9; NDH2; NDHII; FLJ17406;

Gene ID 1660

mRNA Refseq NM_001357

Protein Refseq NP_001348

MIM 603115

UniProt ID Q08211

Chromosome Location 1q25

Pathway Gene expression, organism-specific biosystem; Processing of Capped Intron-

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Containing Pre-mRNA, organism-specific biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem; mRNA processing, organism-specific biosystem;

Function

ATP binding; ATP-dependent DNA helicase activity; ATP-dependent RNA helicase activity; DNA binding; RNA helicase activity; RNA polymerase II transcription factor binding; double-stranded RNA binding; hydrolase activity; nucleotide binding; protein binding;

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