

Recombinant Human DHX16 Protein, GST-tagged

Cat. No. DHX16-2607H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DHX16 partial ORF (NP_003578, 940 a.a. - 1041 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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 this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a functional homolog of fission yeast Prp8 protein involved in cell cycle progression. This gene is mapped to the MHC region on chromosome 6p21.3, a region where many malignant, genetic and autoimmune disease genes are linked. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2009]
Molecular Mass	36.96 kDa
AA Sequence	RKAITAGYFYHTARLTRSGYRTVKQQQTVFIHPNSSLFEQQPRWLLYHELVLTTKEF MRQVLEIESSWLLEVAPHYYKAKELEDPHAKKMPKKIGKTREELG
Applications	Enzyme-linked Immunoabsorbent Assay

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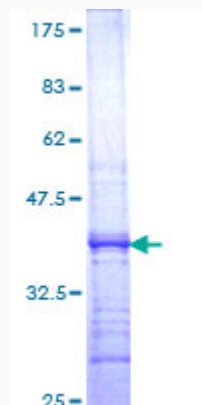
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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	DHX16 DEAH (Asp-Glu-Ala-His) box polypeptide 16 [Homo sapiens]
Official Symbol	DHX16
Synonyms	DHX16; DEAH (Asp-Glu-Ala-His) box polypeptide 16; DDX16, DEAD/H (Asp Glu Ala Asp/His) box polypeptide 16; putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX16; DBP2; Prp2; PRPF2; RNA helicase; DEAD/H box 16; DEAH-box protein 16; ATP-dependent RNA helicase #3; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 16; PRP8; DDX16; PRO2014;
Gene ID	8449
mRNA Refseq	NM_001164239
Protein Refseq	NP_001157711
MIM	603405
UniProt ID	O60231

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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