

Recombinant Human DHX38 Protein, GST-tagged

Cat. No. DHX38-2612H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DHX38 partial ORF (NP_054722.2, 342 a.a. - 450 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. The protein encoded by this gene is a member of the DEAD/H box family of splicing factors. This protein resembles yeast Prp16 more closely than other DEAD/H family members. It is an ATPase and essential for the catalytic step II in pre-mRNA splicing process. [provided by RefSeq, Jul 2008]
Molecular Mass	37.73 kDa
AA Sequence	YSSDYVRRREQHLHKQKQKRISAQRRQINEDNERWETNRMLTSGVVHRLEVDDED FEEDNAAKVHLMVHNLVPPFLDGRIVFTKQPEPVIPVKDATSDLAIARKGSQT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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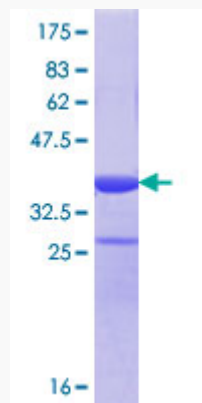
 45-1 Ramsey Road, Shirley, NY 11967, USA

	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	DHX38 DEAH (Asp-Glu-Ala-His) box polypeptide 38 [Homo sapiens]
Official Symbol	DHX38
Synonyms	DHX38; DEAH (Asp-Glu-Ala-His) box polypeptide 38; DDX38, DEAD/H (Asp Glu Ala Asp/His) box polypeptide 38; pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16; hPrp16; KIAA0224; PRP16; PRPF16; DEAH box protein 38; PRP16 homolog of S.cerevisiae; ATP-dependent RNA helicase DHX38; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 38; pre-mRNA splicing factor ATP-dependent RNA helicase PRP16; DDX38;
Gene ID	9785
mRNA Refseq	NM_014003
Protein Refseq	NP_054722
MIM	605584
UniProt ID	Q92620

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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