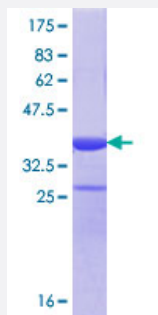


# DHX38 (Human) Recombinant Protein (Q01)

Catalog # H00009785-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human DHX38 partial ORF ( NP_054722.2, 342 a.a. - 450 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	YSSDYVRRREQHLHKQKQKRISAQRRQINEDNERWETNRMLTSGVVHRLEVEDFEEDNAAKV HLMVHNLVPPFLDGRIVFTKQPEPVIPVKDATSDLAIARKGSQT
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	37.73
<b>Interspecies Antigen Sequence</b>	Mouse (97); Rat (96)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — DHX38

Entrez GeneID [9785](#)

GeneBank Accession# [NM\\_014003](#)

Protein Accession# [NP\\_054722.2](#)

Gene Name DHX38

Gene Alias DDX38, KIAA0224, PRP16, PRPF16

Gene Description DEAH (Asp-Glu-Ala-His) box polypeptide 38

Omim ID [605584](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 38|PRP16 homolog of S.cerevisiae|pre-mRNA splicing factor ATP-dependent RNA helicase PRP16