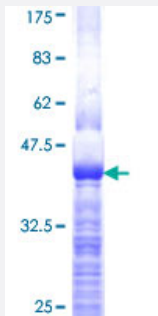


# DDX56 (Human) Recombinant Protein (Q01)

Catalog # H00054606-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human DDX56 partial ORF ( NP_061955, 450 a.a. - 547 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	IKEELLHSEKLKTYFEDNPRDLQLLRHDLPLHPAVVKPHLGHVDPDYLVPALRGLVRPHKKRKKLS SSCRKAKRAKSQNPLRSFKHKGGKKFRPTAKPS
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.52
<b>Interspecies Antigen Sequence</b>	Mouse (90); Rat (90)
<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 — DDX56

Entrez GeneID [54606](#)

GeneBank Accession# [NM\\_019082](#)

Protein Accession# [NP\\_061955](#)

Gene Name DDX56

Gene Alias DDX21, DDX26, NOH61

Gene Description DEAD (Asp-Glu-Ala-Asp) box polypeptide 56

Omim ID [608023](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the DEAD box protein family. 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 shows ATPase activity in the presence of polynucleotides and associates with nucleoplasmic 65S preribosomal particles. This gene may be involved in ribosome synthesis, most likely during assembly of the large 60S ribosomal subunit. [provided by RefSeq]

**Other Designations** 61-kd nucleolar helicase|DEAD-box RNA helicase|putative nucleolar RNA helicase