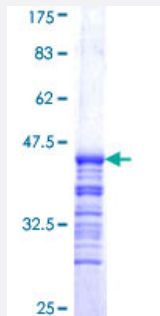


# DDX1 (Human) Recombinant Protein (Q01)

Catalog # H00001653-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human DDX1 partial ORF ( NP_004930, 642 a.a. - 740 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	RLKEDGGCTWYNEMQLLSEIEEHLNCTISQVEPDIKVPVDEFDGVKVTYGGQKRAAGGGSYKGHVDI LAPTVQELAALEKEAQTSLHLGYLPNQLFRTF
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.63
<b>Interspecies Antigen Sequence</b>	Mouse (98); Rat (99)
<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 — DDX1

Entrez GeneID [1653](#)

GeneBank Accession# [NM\\_004939](#)

Protein Accession# [NP\\_004930](#)

Gene Name DDX1

Gene Alias DBP-RB, UKVH5d

Gene Description DEAD (Asp-Glu-Ala-Asp) box polypeptide 1

Omim ID [601257](#)

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. This gene encodes a DEAD box protein of unknown function. It shows high transcription levels in 2 retinoblastoma cell lines and in tissues of neuroectodermal origin. [provided by RefSeq]

**Other Designations** DEAD box polypeptide 1|DEAD box-1|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 1|OTTHU MP00000115711

## Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)