DHX8 (Human) Recombinant Protein (Q01)
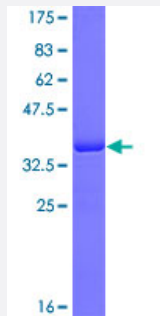
Catalog #   H00001659-Q01   Size   25 ug, 10 ug

Applications

Specification

Product Description	Human DHX8 partial ORF (NP_004932, 301 a.a. - 400 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RREGRVANVADVVSKGQRVKVKVLSFTGTKTSLSMKDVDQETGEDLNPNRRRNLVGETNEETSMRNPDRPTHLSLVSAPEVEDDSLERKRLTRISDPEKW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	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 — DHX8

Entrez GeneID	1659
GeneBank Accession#	NM_004941
Protein Accession#	NP_004932
Gene Name	DHX8
Gene Alias	DDX8, HRH1, PRP22, PRPF22
Gene Description	DEAH (Asp-Glu-Ala-His) box polypeptide 8
Omim ID	600396
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, which is highly homologous to yeast Prp22. This protein facilitates nuclear export of spliced mRNA by releasing the RNA from the spliceosome. [provided by RefSeq
Other Designations	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 8 (RNA helicase)|DEAH-box protein 8