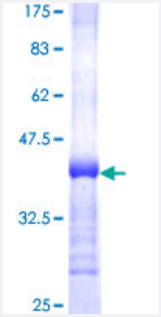
DDX19B (Human) Recombinant Protein (Q01)

Catalog # H00011269-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DDX19B partial ORF (NP_009173, 380 a.a. - 478 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	REGKEKVLVTTNVCARGIDVEQVSVVINFDLPVDKDGNPDNETYLHRIGRTGRFGKRGLAVNMVD SKHSMNILNRIQEHFNKKIERLDTDDLDEIEKIA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (97); Rat (97)
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 — DDX19B

Entrez GeneID	11269
GeneBank Accession#	NM_007242
Protein Accession#	NP_009173
Gene Name	DDX19B
Gene Alias	DBP5, DDX19, RNAh
Gene Description	DEAD (Asp-Glu-Ala-As) box polypeptide 19B
Omim ID	605812
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 ribosom e and spliceosome assembly. Based on their distribution patterns, some members of this family a re believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which exhibits RNA-dependent ATPase and ATP-depe ndent RNA-unwinding activities. This protein is recruited to the cytoplasmic fibrils of the nuclear p ore complex, where it participates in the export of mRNA from the nucleus. Multiple alternatively s pliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	ATP-dependent RNA helicase DDX19|DEAD (Asp-Glu-Ala-As) box polypeptide 19|DEAD-box R NA helicase DEAD5|DEAD-box protein 5|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 19 (D bp5, yeast, homolog)|yeast Dbp5 homolog