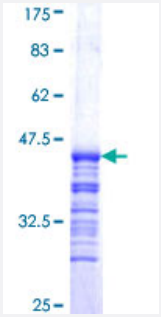
DDX1 (Human) Recombinant Protein (Q01)

Catalog # H00001653-Q01 Size 25 ug, 10 ug

Applications



Specification

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