

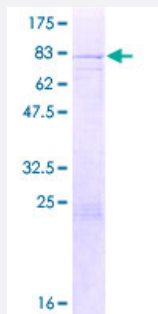
Full-Length

DDX28 (Human) Recombinant Protein (P01)

Catalog # H00055794-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DDX28 full-length ORF (NP_060850.1, 1 a.a. - 540 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MALARPVRLFSLVTRLLLAPRRGLTVRSPDEPLPVVRIPVALQRQLEQRQSRRLNLRPVLRPG
 PLLVSARRPELNQPARLTLGRWERAPLASQGWKSRRARRDHFSIERAQQEAPAVRKLSSKGSF
 ADLGLEPRVLHALQEAPEVVQPTTVQSSSTIPSLRGRHVCAETGSGKLSYLLPLLQRLLGQP
 SLDSLPIAPRGLVLVPSRELAQQVRAVAQPLGRSLGLLVRDLEGGHGMRRIRLQLSRQPSADVL
 VATPGALWKALKSRLISLEQLSFLVLDEADTLDESFLVLDYILEKSHIAEGPADLEDPFNPKAQL
 VLVGATFPEGVGQLLNKVASPDVTTITSSKLHCIMPHVKQTFRLRLKGADKVAELVHILKHRDRAE
 RTGPSGTVLVFCNSSSTVNWLGYLDDHKKIHLRLQGQMPALMRVGIFQSFQKSSRDILLCTDIASR
 GLDSTGVELVVNYDFPPTLQDYIHRAGRVGRVGSEVPGTVISFVTHPWVSLVQKIELAARRRRSL
 PGLASSVKEPLPQAT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

86

Interspecies Antigen Sequence

Mouse (81); Rat (78)

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 — DDX28

Entrez GeneID	55794
GeneBank Accession#	NM_018380.2
Protein Accession#	NP_060850.1
Gene Name	DDX28
Gene Alias	FLJ11282, MDDX28
Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 28
Omim ID	607618
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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene is intronless. It encodes an RNA-dependent ATPase. The encoded protein is localized in the mitochondria and the nucleus, and can be transported between the mitochondria and the nucleus. [provided by RefSeq]

Other Designations

DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 28|OTTHUMP00000174854|mitochondrial DEAD-box polypeptide 28
