

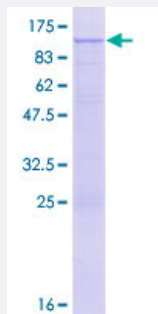
Full-Length

DDX41 (Human) Recombinant Protein (P01)

Catalog # H00051428-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DDX41 full-length ORF (NP_057306.2, 1 a.a. - 622 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEESEPERKRARTDEVPAGGSRSEAEDDEDYVPYVPLRQRRQLLLQKLLQRRRKGAEEEEQ
QDSGSEPRGDEDDIPLGPQSNVSLLDQHQLKEKAEARKESAKEKQLKEEEKILESVAEGRALM
SVKEMAKGITYDDPIKTSWTPPRYVLSMSEERHERVRKKYHILVEGDGIPPIKSFKEMKFPAILR
GLKKKGIIHPTPIQIQGIPTILSGRDMIGIAFTGSGKTLVFTLPVIMFCLEQEKRLPFSKREGPYGLIICP
SRELARQTHGILEYYCRLLEDSSPLLRCALCIGGMSVKEQMETIRHGVHMMVATPGRMLDLLQK
KMSVLDICRYLALDEADRMIDMGFECDIRTIFSFKGQRQTLLFSATMPKKIQNFAKSALVKPVTINV
GRAGAASLDVIQEVVEYKKEAKMVYLLECLQKTPPPVLIFAEKKADVDAIHEYLLKGVAVAIHG
GKDQEERTKAIEAFREGKKDVLVATDVASKGLDFPAIQHVINYDMPPEEINYVHRIGRTGRSGNTGI
ATTFINKACDESVLMDLKALLLEAKQKVPPVLQVLHCGDESMLDIGGERGCAFCGGLGHRITDCP
KLEAMQTKQVSNIGRKDYLAHSSMDF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

96.2

Interspecies Antigen Sequence

Mouse (99); 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 — DDX41

Entrez GeneID	51428
GeneBank Accession#	NM_016222.2
Protein Accession#	NP_057306.2
Gene Name	DDX41
Gene Alias	ABS, MGC8828
Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 41
Omim ID	608170
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 encodes a member of this family. The function of this member has not been determined. Based on studies in Drosophila, the abstract gene is widely required during post-transcriptional gene expression. [provided by RefSeq]
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Other Designations2900024F02Rik|DEAD-box protein abstract|putative RNA helicase
