

Recombinant Human DDX42 Protein, GST-tagged

Cat. No. DDX42-2490H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DDX42 full-length ORF (AAH15505.1, 1 a.a. - 819 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the Asp-Glu-Ala-Asp (DEAD) box protein family. Members of this protein family are putative RNA helicases, and 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. Members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	116.5 kDa
AA Sequence	MAEVEDQAARDMKRLEEKDKERKNVKGIRDDIEEEDDQEAYFRYMAENPTAGVVQ EEEEEDNLEYDSGDNPIAPTKKIIDPLPPIDHSEIDYPPFEKNFYNEHEEITNLTPQQID LRHKLNLRVSGAAPPRPGSSFAHFGFDEQLMHQIRKSEYTQPTPIQCQGVVALSG RDMIGIAKTGSGKTAAFIWPMLIHIMDQKELEPGDGPIAVIVCPTRELCQQIHAECKRF GKAYNLRSVAVYGGGSMWEQAKALQEGAEIVVCTPGRILDHVKKKATNLQRVSYLV FDEADRMFDMGFQYQVRSIASHVRPDRQTLLFSATFRKKIEKLARDILIDPIRVVQGD

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GEANEDVTQIVEILHSGPSKWNWLTRRLVEFTSSGSVLLFVTKKANAEELANNLKQE
 GHNLGLLHGDMDQSERNKVISDFKKKDIPVLVATDVAARGLDIPSIKTVINYDVARDID
 THTHRIGRTGRAGEKGVAYTLLTPKDSNFAGDLVRNLEGANQHVSKELLDLAMQNA
 WFRKSRFKGGKGKKLNIGGGGLGYRERPGLGSENMDRGNNNVMSNYEAYKPSTG
 AMGDRLTAMKAAFQSQYKSHFVAASLSNQKAGSSAAGASGWTSAAGSLNSVPTNSA
 QQGHNSPDSPVTSAAKGIPGFGNTGNISGAPVTYPSAGAQQGVNNTASGNNSREGT
 GGSNGKRERYTENRGSSRSHGETGNRHSDSPRHGDGGRHGDGYRHPPESSSRH
 TDGHRHGENRHHGGSAGRHHGENRGANDGRNGESRKEAFNRESKMEPKMEPKVDS
 SKMDKVDSKTDKTADGFAVPEPPKRKKSrwds

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

DDX42 DEAD (Asp-Glu-Ala-Asp) box polypeptide 42 [Homo sapiens]

Official Symbol

DDX42

Synonyms

DDX42; DEAD (Asp-Glu-Ala-Asp) box polypeptide 42; ATP-dependent RNA helicase
 DDX42; RHELP; RNAHP; SF3b125; DEAD box protein 42; SF3b DEAD box protein;
 SF3b125 DEAD-box protein; RNA helicase-like protein; RNA helicase-related protein;
 splicing factor 3B-associated 125 kDa protein; FLJ43179;

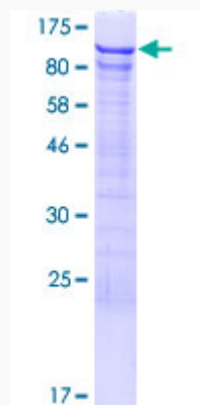
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Gene ID	11325
mRNA Refseq	NM_007372
Protein Refseq	NP_031398
MIM	613369
UniProt ID	Q86XP3

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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