

Recombinant Human DDX17, GST-tagged

Cat. No. DDX17-85H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDX17 (1 a.a. - 183 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
Description	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 splicesosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is an ATPase activated by a variety of RNA species, but not by dsDNA. This protein, and that encoded by DDX5 gene, are more closely related to each other than to any other member of the DEAD box family. This gene can encode multiple isoforms due to both alternative splicing and the use of alternative translation initiation codons, including a non-AUG (CUG) start codon.
Molecular Mass	45.6 kDa
AA Sequence	MQLVDHRGGGGGGGKGGRSRYRTTSSANNPNLMYQDECDRRLRGVKDGGRRDS ASYRDRSETDRAGYANGSGYGS PNSAFGAQAGQYTYGQGTYGAAAYGTSSYTAQ EYGAGTYGASSTTSTGRSSQSSSQFSGIGRSGQQPQPLMSQQ FAQPPGATNMI

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GYMGQTAYQYPPPPPPPPSRK

Applications ELISA; WB-Re; AP; Array

Storage Store at -80°C. 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 DDX17 DEAD (Asp-Glu-Ala-Asp) box helicase 17 [Homo sapiens(human)]

Official Symbol DDX17

Synonyms DDX17; P72; RH70; DEAD (Asp-Glu-Ala-Asp) box helicase 17; probable ATP-dependent RNA helicase DDX17; DEAD box protein p72; RNA-dependent helicase p72; DEAD (Asp-Glu-Ala-Asp) box polypeptide 17; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 17 (72kD); NP_001091974.1; EC 3.6.4.13; NP_006377.2

Gene ID 10521

mRNA Refseq NM_006386

Protein Refseq NP_006377

MIM 608469

UniProt ID Q92841

Chromosome Location 22q13.1

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Function

ATP binding; ATP-dependent helicase activity; RNA helicase activity

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