

Recombinant Full Length Human DDX17 Protein, C-Flag-tagged

Cat. No. DDX17-1039HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DDX17 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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 spliceosome 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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	80.1 kDa
AA Sequence	LPTGFBVAPILCVLLPSPTREAATVASATGDSASERESAAPAAAPTAEAPPPSVVTRPE

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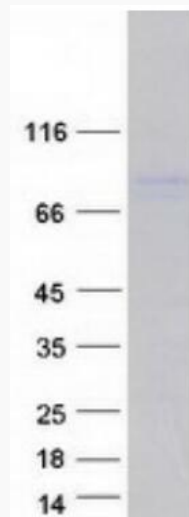
 45-1 Ramsey Road, Shirley, NY 11967, USA

PQALPSPAIRAP LPDLYPFGTMRGGGFGDRDRDRDRGGFGARGGGGLPPKKFGN
 PGERLRKKKWDLSELPKFEKNFYVEHPE VARLTPYEVDLRRKKEITVRGGDVCPK
 PVFAFHANFPQYVMDVLMQHFTEPTPIQCQGFPLALSGRD MVGIAQTGSGKTLA
 YLLPAIVHINHQPYLERGDGPICLVLAPTRELAQQVQQVADDYGKCSRLKSTCIYG G
 APKGPQIRDLERGVEICIATPGRILDFLESGKTNLRRCTYLVLEADRMLDMGFEPQI
 RKIVDQIRPDR QTLMWSATWPKEVRQLAEDFLRDYTQINVGNLELSANHNILQIVDV
 CMESKDHKLIQLMEEIMAEKENK TIIFVETKRRCDLTRRMRRDGPAMCIHGDK
 SQPERDWVLNEFRSGKAPILIATDVASRGLDVEDVKFV INYDYPNSSSEDYVHRIGRT
 ARSTNKGTAFTFTPGNLKQARELIKVLEENQAINPKMLQLVDHRGGGGG GGGR
 SRYRTTSSANNPNLMYQDECDRLRGVKDGGRRDSASYRDRSETDRAGYANGSG
 YGSPNSAFGAQA GQYTYGQGTYGAAAYGTSSYTAQEYGAGTYGASSTTSTGRSS
 QSSSQQFSGIGRSGQQPQPLMSQQFAQP
 PGATNMIGYMGQTAYQYPPPPPPPPSRKTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	DDX17 DEAD-box helicase 17 [Homo sapiens (human)]
Official Symbol	DDX17
Synonyms	P72; RH70
Gene ID	10521
mRNA Refseq	NM_006386.5
Protein Refseq	NP_006377.2
MIM	608469
UniProt ID	Q92841



Coomassie blue staining of purified DDX17 protein.

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