

## Product datasheet for TP300599

### DDX17 (NM\_006386) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 17 (DDX17), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC200599 representing NM_006386
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

LPTGFVAPILCVLLPSPTREAAATVASATGDSASERESAAPAAAPTAEAPPPSVVTRPEPQALPSPAIRAP  
LPDLYPFGTMRGGGFGDRDRDRDRGGFGARGGGGLPPKFGNPGERLRKKKWDLSELPKFEKNFYVEHPE  
VARLTPYEVDLRRKKEITVRGGDVCPKPVFAFHANFPQYVMDVLMQHFTEPTPIQCQGFPLALSGRD  
MVGIAQTGSGKTLAYLLPAIVHINHQPYLERGDGPICLVLAPTRELAQQVQVADDYGKCSRLKSTCIYG  
GAPKGPQIRDLERGVEICIATPGRLLIDFLESGKTNLRRCTYLVLDEADRMLDMGFEPQIRKIVDQIRPDR  
QTLMWSATWPKEVRQLAEDFLRDYQINVGNLELSANHNILQIVDVCMESEKDHKLIQLMEEIMAEKENK  
TIIFVETKRRCDLTRRMRRDGPAMCIHGDKSQPERDWVLNEFRSGKAPILIATDVASRGLDVEDVKFV  
INVDYPNSESYVHRIGRTARSTNKGTYTFFTPGNLQKARELIKVLEEANQAINPKMLQLVDHRGGGGG  
GGGRSRYRTTSSANNPNLMYQDECDRRLRGVKDGGRRDSASYRDRSETDRAGYANGSGYGSPNSAFGAQA  
GQYTYGQGTYGAAAYGTSSYTAQEYAGTYGASSTTSTGRSSQSSSQFSGIGRSGQQPQLMSQQFAQP  
PGATNMIGYMGQTAYQYPPPPPPPPSRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

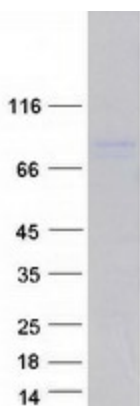
Tag:	C-Myc/DDK
Predicted MW:	80.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_006377</a>
Locus ID:	10521
UniProt ID:	<a href="#">Q92841</a>
RefSeq Size:	4805
Cytogenetics:	22q13.1
RefSeq ORF:	2187
Synonyms:	P72; RH70
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 splicesome 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. [provided by RefSeq, Apr 2011]

### Product images:



Coomassie blue staining of purified DDX17 protein (Cat# TP300599). The protein was produced from HEK293T cells transfected with DDX17 cDNA clone (Cat# [RC200599]) using MegaTran 2.0 (Cat# [TT210002]).