

Product datasheet for PH300599

DDX17 (NM_006386) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DDX17 MS Standard C13 and N15-labeled recombinant protein (NP_006377)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200599
Predicted MW:	80.3 kDa
Protein Sequence:	>RC200599 representing NM_006386 Red=Cloning site Green=Tags(s)

LPTGFVAPILCVLLPSPTREAATVASATGDSASERESAAPAAAPTAEAPPPSVVTRPEPQALPSPAIRAP
LPDLYPFGTMRGGFGDRDRDRDRGGFGARGGGGLPPKFGNPGERLRKKKWLSELPKFEKNFYVEHPE
VARLTPYEVDLRRKKEITVRGGDVCPKPVFAFHANFPQYVMDVLMQHFTEPTPIQCQGFPLALSGRD
MVGIAQTGSGKTLAYLLPAIVHINHQPYLERGDGPICLVLAPTRELAQQVQQVADDYGKCSRLKSTCIYG
GAPKGPQIRDLERGVEICATPGRIDFLESGKTNLRRCTYLVLDEADRMLDMGFEPQIRKIVDQIRPDR
QTLMWSATWPKEVRQLAEDFLRDYTIQINVGNLELSANHNILQIVDVCMESEKDHKLIQLMEEIMAEKENK
TIIFVETKRRCDDLTRRMRRDGWPAMCIHGDKSQPERDWLNEFRSGKAPILIIATDVASRGLDVEDVKFV
INYDYPNSEDYVHRIGRTARSTNKGTAFTFFTPGNLQARELIKVLEENQAINPKLMQLVDHRGGGGG
GGGRSRYRTTSSANNPNLMYQDECDRRLRGVKDGGRRDSASYRDRSETDRAGYANGSGYGPNSAFGAQA
GQYTYGQGTYGAAAYGTSSYTAQEYAGTYGASSTTSTGRSSQSSSQQFSGIGRSGQQPQLMSQQFAQP
PGATNMIGYMGQTAYQYPPPPPPPPSRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_006377</u>

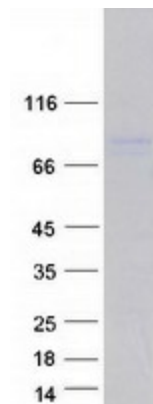


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RefSeq Size:	4805
RefSeq ORF:	2187
Synonyms:	P72; RH70
Locus ID:	10521
UniProt ID:	Q92841
Cytogenetics:	22q13.1

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 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]).