

Product datasheet for TP306486

DHX30 (NM_014966) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DEAH (Asp-Glu-Ala-His) box polypeptide 30 (DHX30), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206486 protein sequence Red=Cloning site Green=Tags(s)

MAASRDLLKEFPQPKNLLNSVIGRALGISHAKDKLVVHTNGPKKKKVTLHIKWPKSVEVEGYGSKKIDA
ERQAAAAACQLFKGWGLLGRNELFDAKYRVLADRFGSPADSWWRPEPTMPPTSWRQLNPESIRPGGPG
GLSRSLGEEEEDEEEELEEGTIDVTFDLSMTQQDSHAPLRDSRGSSFEMTDDDSAIRALTQFPLPKNLL
AKVIQIATSSSTAKNLMQFHTVGTKTKLSTLTLWPCPMTFVAKGRRKAEAEENKAAALACKKLKSLGLVD
RNNEPLTHAMYNLASLRELGETQRRPCTIQVPEPILRKIETFLNHYPVESSWIAPELRLQSDDILPLGKD
SGPLSDPITGKPYVPLLEAAEEVRLSQSLELWRRRGPVWQEAPQLPVDPHRDITLNAIEQHPVVVISGDT
GCGKTRIPQLLLERYVTEGRGARCNIITQPRRISAVSVAQRVSHELGSLRRNVGFQVRLESKPPSRG
GALLFCTVGILLRKLQSNPSLEGVSHVIVDEVHERDVNTDFLLILLKGLQRLNPALRLVLMASATGDNERF
SRYFGGCPVIKVPFGMYPVKEHYLEDILAKLGKHQYLHRHRHHESEDECALDLDLVTDLVLHIDARGEPPG
GILCFLPGWQEIKGVQQRQLQEALGMHESKYLILPVHSNIPMMDQKAIFQPPVGVKIVLATNIAETSIT
INDIVHVDSGLHKEERYDLKTKVSCLETVWVSRANVIQRRGRAGRCQSGFAYHLFPRSRLKMPVFQVP
EILRTPLENLVLQAKIHMPEKTAVEFLSKAVDSPNIKAVDEAVILLQEIGVLDQREYLTTLGQRLAHIST
DPRLAKAIVLAAIFRCLHPLLWVVSCLTRDPFSSSLQNRAEVDKVKALLSHDSGSDHLAFVRAVAGWEEV
LRWQDRSSRENYLEENLLYAPSLRFIHLGLIKQFSENIYEAFVLGKPSDCTLASAQCNEYSEEEELVKGL
MAGLYPNLIQVRQGVTRQGKFKPNSVTYRTKSGNILLHKSTINREATRLRSRWLTYFMAVKSNGSVFVR
DSSQVHPLAVLLLDGDVHIRDDGRRATISLSDSLLRLEGDSRTVRLLKELRRALGRMVERSLRSELA
LPPSQEEHGQLLALLAELLRGPCGSFDVVRTADD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

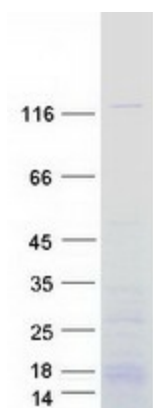
Tag:	C-Myc/DDK
Predicted MW:	129.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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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.
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:	NP_055781
Locus ID:	22907
UniProt ID:	Q7L2E3
RefSeq Size:	4133
Cytogenetics:	3p21.31
RefSeq ORF:	3465
Synonyms:	DDX30; NEDMIAL; RETCOR
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 DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The family member encoded by this gene is a mitochondrial nucleoid protein that associates with mitochondrial DNA. It has also been identified as a component of a transcriptional repressor complex that functions in retinal development, and it is required to optimize the function of the zinc-finger antiviral protein. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Feb 2013]

Product images:



Coomassie blue staining of purified DHX30 protein (Cat# TP306486). The protein was produced from HEK293T cells transfected with DHX30 cDNA clone (Cat# [RC206486]) using MegaTran 2.0 (Cat# [TT210002]).