

Product datasheet for PH306486

DHX30 (NM_014966) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DHX30 MS Standard C13 and N15-labeled recombinant protein (NP_055781)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206486
Predicted MW:	129.4 kDa
Protein Sequence:	>RC206486 protein sequence Red=Cloning site Green=Tags(s)

MAASRDLLKEFPQPKNLLNSVIGRALGISHAKDKLVYVHTNGPKKKVTLHIKWPKSVEVEGYGSKKIDA
ERQAAAAACQLFKGWGLLGPRNELFDAKYRVLADRFSPADSWWRPEPTMPPTSWRQLNPESIRPGGPG
GLSRSLGREEEEDDEEELEEGTIDVTDLFSMTQQDSHAPLRDSRGSSFEMTDDDSAIRALTQFPLPKNLL
AKVIQIATSSSTAKNLMQFHTVGTKTKLSTLLWPCPMTFVAKGRRKAEAKAAALACKKLSLGLVD
RNNEPLTHAMYNLASLRELGETQRRPCTIQVPEPILRKIETFLNHYPVESSWIAPELRLQSDDILPLGKD
SGPLSDPITGKPYVPLLEAEVRLSQSLELWRRRGPVWQEAQQLPVDPHRDTILNAIEQHPVVVISGDT
GCGKTTTRIPQLLLERYVTEGRGARCNIITQPRRISAVSVAQVSHELGPSLRRNVGFQVRESKPPSRG
GALLFCTVGILLRKLQSNPSLEGVSHVIVDEVHERDVNTDFLLILLKGLQRLNPALRLVMSATGDNERF
SRYFGGCPVIKVPGFMPVKEHYLEDILAKLGKHQYLHRHRHHESEDECALDLDLVDLVLHIDARGEPPG
GILCFLPGWQEIKGVQQRLQEALGMHESKYLILPVHSNIPMMDQKAIFFQPPVGRKIVLATNIAETSIT
INDIVHVVDSSLHKEERYDLKTKVSCLETVWVSRANVIQRRGRAGRCQSGFAYHLFPRSRLEKMPVFPV
EILRTPLENLVLQAKIHMPEKTAVEFLSKAVDSPNIKAVDEAVILLQEIGVLDQREYLTTLGQRLAHIST
DPRLAKAIVLAAIFRCLHPLLVVVSLTRDPFSSSLQNRAEVDKVKALLSHDSGSDHLAFVRAVAGWEEV
LRWQDRSSRENYLEENLLYAPSLRFIHLIKQFSENIYEAFLVGKPSDCTLASAQCNEYSEEEELVKGVL
MAGLYPNLIQVRQGVTRQGFKNPNSVTYRTKSGNILLHKSTINREATRLRSRWLYTFMAVKSNGSVFVR
DSSQVHPLAVLLLTDGDVHIRDDGRRATISLSDSDLRLLEGDSRTVRLKELRRALGRMVERSLRSELA
LPPSVQEEHGQLLALLAELLRGPCCGSDVVRKTADD

TRTRPLEQKLISEEDLAANDILDYKDDDDK

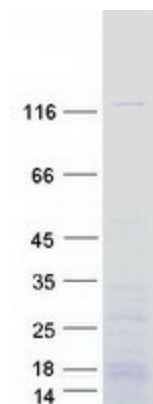
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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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:	NP_055781
RefSeq Size:	4133
RefSeq ORF:	3465
Synonyms:	DDX30; NEDMIAL; RETCOR
Locus ID:	22907
UniProt ID:	Q7L2E3
Cytogenetics:	3p21.31
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]).