

## Product datasheet for PH323929

### DHX36 (NM\_020865) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DHX36 MS Standard C13 and N15-labeled recombinant protein (NP_065916)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223929
Predicted MW:	114.6 kDa
Protein Sequence:	>RC223929 representing NM_020865 Red=Cloning site Green=Tags(s)

MSYDYHQNWGRDGGPRSSGGGYGGGPAGGHGNGRSGGGGGGGGGRGGRHPGHLKGREIGMWYAKKQ  
GQKNKEAERQERAVVHMDERREEQIVQLLNSVQAKNDKESEAQISWFAPEDHGYGTEVSTKNTPCSENKL  
DIQEKKLINQEKKMFRIIRNSYIDRDSEYLLQENEPDGTLDQKLELDLQKKKNDLRYIEMQHFREKLPSY  
GMQKELVNLIDNHQVTVISGETGCGKTTQVTQFILDNYIERGKGSACRIVCTQPRRISAI SVAERVAER  
AESC GSGNSTGYQIRLQ SRLPRKQGSILYCTTG IILQWLQSDPYLSSVSHIVLDEIHERNLQSDVLMTVV  
KDLLNFRSDLK VILMSATLNAEK FSEYFGNCPMIHIPGF TFPVVEYLLEDVIEKIRYVPEQKEHRCQFKR  
GFMQGHVNRQEKEEKEAIYKERWPDYVRELRRRYSASTVDVIEMMEDDKVDLNLIVALIRYIVLEEDGA  
ILVFLPGWDNI STLHDL LMSQVMFKSDKFLI IPLHSLMPTVNQTQVFKRTPPGVGRKIVIA TNIAETSITI  
DDVYVVIDGGKIKETHFD TQNNISTMSAEWVSKANAKQRKGRAGRVPQGHCHYL YNGLRASLLDDYQLPE  
ILRTRPLEELCLQIKILRLGGIAYFLSRLMDPPSNEAVLLSIRHLMELNALDKQEELTPLGVHLARLPVEP  
HIGKMILFGALFCLDPVLTIAASLSFKDPFVIPLGKEKIADARRKELAKDTRSDHLTVVNAFEGWEEAR  
RRGFRYEKDYCWEYFLSSNTLQMLHNMKGQFAEHLGAGFVSSRNPKDPESNINS DNEKI IKA VICAGLY  
PKVAKIRLNLGKKRKMVKVYTKDGLVAVHPKSVNVEQTDHFHYNWLIYHLKMR TSSIYLYDCTEVSPYCL  
LFFGGDISIQKNDQETIAVDEWIVFQSPARIAHLVKELRKELDILLQEKIESPHPV DWN DTKSRDCAVL  
SAIIDLIK TQEKATPRNFPPRFQDGYYS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

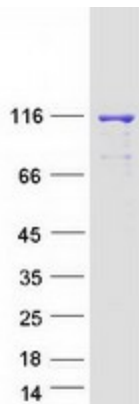
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15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



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_065916</a>
RefSeq Size:	3600
RefSeq ORF:	3024
Synonyms:	DDX36; G4R1; MLEL1; RHAU
Locus ID:	170506
UniProt ID:	<a href="#">Q9H2U1</a>
Cytogenetics:	3q25.2
Summary:	This gene is a member of the DEAH-box family of RNA-dependent NTPases which are named after the conserved amino acid sequence Asp-Glu-Ala-His in motif II. The protein encoded by this gene has been shown to enhance the deadenylation and decay of mRNAs with 3'-UTR AU-rich elements (ARE-mRNA). The protein has also been shown to resolve into single strands the highly stable tetramolecular DNA configuration (G4) that can form spontaneously in guanine-rich regions of DNA. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified DHX36 protein (Cat# [TP323929]). The protein was produced from HEK293T cells transfected with DHX36 cDNA clone (Cat# [RC223929]) using MegaTran 2.0 (Cat# [TT210002]).