

Product datasheet for TP323929

DHX36 (NM_020865) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human DEAH (Asp-Glu-Ala-His) box polypeptide 36 (DHX36), transcript variant 1, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC223929 representing NM_020865

Red=Cloning site Green=Tags(s)

MSYDYHQNWGRDGGPRSSGGYGGGPAGGHGGNRGSGGGGGGGGGGRGGRGRHPGHLKGREIGMWWYAKKQ
GQKNKEAERQERAVVHMDERREEQIVQLLSVQAKNDKESEAQISWFAPEDHGYGTEVSTKNTPCSENKL
DIQEKKLINQEKKMFIRNRSYIDRDSEYLLQENEPDGTLDQKLEDLQKKKNDLRYIEMQHFREKLPSY
GMQKELVNLIDNHQVTVISGETGCGKTTQVTQFILDNYIERGKGSACRIVCTQPRRISAISSVAERVAER
AESC GSGNSTGYQIRLQSR LPRKQGSILYCTTG IILQWLQSDPYLSSVSHIVLDEIHERNLQSDVLM TV
KDLLNFRSDLKVLMSATLNAEFSEYFGNCPMIHIPGFTFPVVEYLLEDVIEKIRYVPEQKEHRCQFKR
GFMQGHVNRQEKEEKEAIYKERWPDYVRELRRRYSASTVDVIEMMEDDKVDLNLIVALIRYIVLEEDGA
ILVFLPGWDNISTLHDLLMSQVMFKSDKFLIPLHSLMPTVNQTQVFKRTPPGVRKIVATNIAETSITI
DDVYVIDGGKIKETHFDTQNNISTMSAEVWSKANAKQRKGRAGRVQPGHCYHLYNGLRASLLDDYQLPE
ILRTPLEELCLQIKILRLGGIAYFLSRLMDPPSNEAVLLSIRHLMELNALDKQEELTPLGVHLARLPVEP
HIGKMILFGALFCCLDPVLTIAASLSFKDPFVIPLGKEKIADARRKELAKDTRSDHLTVVNAFEGWEEAR
RRGFRYEKDYCWEYFLSSNTLQMLHNMKGQFAEHLGAGFVSSRNPKDPESNINS DNEKIIKAVICAGLY
PKVAKIRLNLGKKRKMVKVYTKTDGLVAVHPKSVNVEQTDFFHYNWLIYHLKMR TSSIYLYDCTEVS PYCL
LFFGGDISIQKDNDQETIAVDEWIVFQSPARIAHLVKELRKELDILLQEIESPHVDWNDTKSRDCAVL
SAIIDLIKTQEKATPRNFPPRFQDGYYS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 114.6 kDa

Concentration: >0.1 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

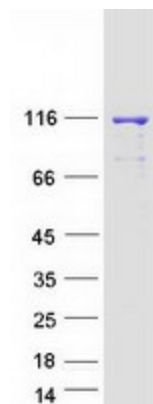
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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_065916
Locus ID:	170506
UniProt ID:	Q9H2U1
RefSeq Size:	3600
Cytogenetics:	3q25.2
RefSeq ORF:	3024
Synonyms:	DDX36; G4R1; MLEL1; RHAU
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]).