

Product datasheet for TP308403

DHX8 (NM_004941) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DEAH (Asp-Glu-Ala-His) box polypeptide 8 (DHX8), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208403 protein sequence Red =Cloning site Green =Tags(s)

MAVAVAMAGALIGSEPGPAEELAKLEYLSLVSKVCTELDNHLGINDKDLAEFVISLAEKNTTFDTFKASL
VKNGAEFTDSLISNLLRLIQTMRPPAKPSTSKDPVVKPKTEKEKLEKELFPVLCQPDNPSVTRMLDEDDVK
VAVDVLKELEALMPAAAGQEKQRDAEHRDRTKKKKRSRSDRNRDRDRDRERNRDRDHKRRHRSRSDRSR
RTRERNKVKSRYSRSDRSQSPPKDRKDRDKYGERNLDRWRDKHVDPPPPEPTIGDIYNGKVTSIMQFGC
FVQLEGLRKRWEGLVHISELRREGRVANVADVSKGQRVVKVLSFTGTKTSLSMKDQDQETGEDLNPNR
RRNLVGETNEETSMRNPDRPHLSLVSAPVEEDDSLKERLTKQISDPEKWEIKQMIAANVLSKEEFPDFD
EETGILPKVDDEEDEDLEIELVEEPPFLRGHTKQSMDSPIKIVKNPDGSLSQAMMQSALAKERRELK
QAQREAMDSPMGLNKHWDPLPDAEGRQIAANMRGIGMMPNDIPEWKKHAFGGNKASYGKKTQMSILE
QRESLPIYKLKEQLVQAVHDNQILIVIGETGSGKTTQITQYLAEAGYTSRGKIGCTQPRRVAAMSVAKRV
SEFGCCLGQEVGYTIRFEDCTSPETVIKYMMDGMLLRECLIDPDLTQYAIIMLDEAHERTIHTDVLFG
LKKTVQKRQDMKLIVTSATLDAVKFSQYFYEAIFTIPGRTPVEILYTKPETDYLDASLITVMQIHLT
EPPGDILVFLTGQEEIDTACEILYERMKSLGPDVPELILPVYSALPSEMQRTRIFDPAPPGSRKVIATN
IAETSLTIDGIYVVDPGFVKQKVYNSKTGIDQLVVTPISSQAQAKQRAGRAGRTGPGKCYRLYTERAYRD
EMLTTNVPEIQRTNLAHVLSLTKAMGINDLLSDFDMDAPPMETLITAMEQLYTLGALDDEGLLTRLGRRM
AEFPLEPMLCKMLIMSVHLGCSEEMLTIVSMLSVQNVFYRPKDKQALADQKAKAFHQTEGDHLLAVYN
SWKNNKFSNPWCYENFIQARSLRRAQDIREQMLGIMDRHKLDVVSCGKSTVRVQKAICSGFFRNAAKKDP
QEGYRTLIDQQVVIHPSSALFNRPQPEWVYHELVLTTKEYMREVTIDPRWLVEFAPAFFKVSPTKLS
KQKKQRLEPLYNRYEENAWRISRAFRFR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

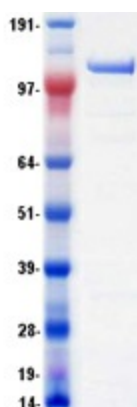
Tag:	C-Myc/DDK
Predicted MW:	139.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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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_004932
Locus ID:	1659
UniProt ID:	Q14562 , Q05CV4 , Q86YB2
RefSeq Size:	4201
Cytogenetics:	17q21.31
RefSeq ORF:	3660
Synonyms:	DDX8; Dhr2; HRH1; PRP22; PRPF22
Summary:	This gene is a member of the DEAH box polypeptide family. The encoded protein contains the DEAH (Asp-Glu-Ala-His) motif which is characteristic of all DEAH box proteins, and is thought to function as an ATP-dependent RNA helicase that regulates the release of spliced mRNAs from spliceosomes prior to their export from the nucleus. This protein may be required for the replication of human immunodeficiency virus type 1 (HIV-1). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]
Protein Pathways:	Spliceosome

Product images:



Coomassie blue staining of purified DHX8 protein (Cat# TP308403). The protein was produced from HEK293T cells transfected with DHX8 cDNA clone (Cat# [RC208403]) using MegaTran 2.0 (Cat# [TT210002]).