

## Product datasheet for TP308403M

### DHX8 (NM\_004941) Human Recombinant Protein

#### Product data:

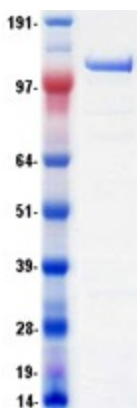
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DEAH (Asp-Glu-Ala-His) box polypeptide 8 (DHX8), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208403 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAVAVAMAGALIGSEPGPAEELAKLEYLSLVSKVCTELDNHLGINDKDLAEFVISLAEKNTTFDFTFKASL  VKNGAFTDSLISNLLRLIQTMRPPAKPSTSKDPVVKPKTEKEKLEKELFPVLCQPDNPSVTRMLDEDDVK  VAVDVLKELEALMPAAAGQEKQRDAEHRDRTRTKKKRSRSDRNRDRDRDRERNRDRDHKRRHRSRSDRSR  RTRERNKVKSRYSRSDRSQSPPKDRDKYGERNLDRWRDKHVDPPPPEPTIGDIYNGKVTSIMQFGC  FVQLEGLRKRWEGLVHISELRREGRVANVADVSKGQRVKVVLSTFTGKTSLSMKDQDQETGEDLNPNR  RRNLVGETNEETSMRNPDRPHLSLVSAPVEEDSLERKRLTQISDPEKWEIKQMIAANVLSKEEFPDFD  EETGILPKVDDEEDEDLEIELVEEPPFLRGHTKQSMDSPIKIVKNPDGSLSQAMMQSALAKERRELK  QAQREAMDSPMGLNKHWDPLPDAEGRQIAANMRGIGMMPNDIPEWKKHAFGGNKASYGKKTQMSILE  QRESLPIYKLKEQLVQAVHDNQILVIGETGSGKTTQITQYLAEAGYTSRGKIGCTQPRRVAAMSVAKRV  SEEFCCGLGQEVGYTIRFEDCTSPETVIKYMMDGMLLRECLIDPDLTQYAIIMLDEAHERTIHTDVLFG  LKKTVQKRQDMKLIVTSATLDAVKFSQYFYEAIFTIPGRTPVEILYTKPETDYLDASLITVMQIH  LTPPPGDILVFLTGQEEIDTACEILYERMKSLGPDVPELILPVYSALPSEMQRTRIFDPAPPGRKVIATN  IAETSLTIDGIYVDPGFVKQKVYNSKTGIDQLVVTPISSQAQAKQRAGRAGRTGPGKCYRLYTERAYRD  EMLTTNVPEIQRTNLAIVLSLKAMGINDLLSDFDMDAPPMETLITAMEQLYTLGALDDEGLLTRLGRRM  AEFPLEPMLCKMLIMSVHLGCSEEMLTIVSMLSVQNVFYRPKDKQALADQKAKAFHQTEGDHLLAVYN  SWKNNKFSNPWCYENFIQARSLRRAQDIREQMLGIMDRHKLDVSCGKSTVRVQKAICSGFFRNAAKKDP  QEGYRTLIDQQVVIHPSSALFNRPQPEWVYHELVLTTKEYMREVTITDPRWLVEFAPAFFKVSPTKLS  KQKKQRLEPLYNRYEENAWRISRAFRFR</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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



[View online »](#)

<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_004932</a>
<b>Locus ID:</b>	1659
<b>UniProt ID:</b>	<a href="#">Q14562</a> , <a href="#">Q05CV4</a> , <a href="#">Q86YB2</a>
<b>RefSeq Size:</b>	4201
<b>Cytogenetics:</b>	17q21.31
<b>RefSeq ORF:</b>	3660
<b>Synonyms:</b>	DDX8; Dhr2; HRH1; PRP22; PRPF22
<b>Summary:</b>	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]
<b>Protein Pathways:</b>	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]).