

Product datasheet for PH308403

DHX8 (NM_004941) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DHX8 MS Standard C13 and N15-labeled recombinant protein (NP_004932)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208403
Predicted MW:	139.3 kDa
Protein Sequence:	>RC208403 protein sequence Red=Cloning site Green=Tags(s)

MAVAVAMAGALIGSEPGPAEELAKLEYLSLVSKVCTELDNHLGINDKDLAEFVVISLAEKNTTFDTFKASL
VKNGAEFTDSLISNLLRLIQTMRPPAKPSTSKDPVVKPKTEKEKELKELFPVLCQPDNPSVRTMLDEDDVK
VAVDVLKELEALMPAAGQEKQRDAEHRDRTKKKKRSRSDRNRDRDRDRERNRDRDHKRRHRSRSDRS
RTRERNKVKSRYSRSDRSQSPPKDRKDRDKYGERNLDRWRDKHVD RPPPEEPTIGDIYNGKVT SIMQFGC
FVQLEGLRKRWEGLVHISELRREGRVANVADVSKGQRVKVKVLSFTGKTSLSMKDVDQETGEDLNPNR
RRNLVGETNEETSMRNPDRPHTLSLSAPEVEDDSL ERKRLTQISDPEKWEIKQMIANVLSKEEFPDFD
EETGILPKVDDEEDEDLEIELVEEPPFLRGHTKQSMDSPIKIVKNPDGSLQAAMQSA LAKERRELK
QAQREAMDSIPMGLNKHWDPLPDAEGRQIAANMRGIGMMPNDIPEWKKHAFGGNKASYGKKTQMSILE
QRESLPIYKLKEQLVQAVHDNQILIVIGETGSGKTTQITQYLAEGYTSRGKIGCTQPRRVAAMSVAKRV
SEFGCCLGQEVGYTIRFEDCTSPETVIKYMTDGM LRECLIDPDLTQYAIIMLDEAHERTIHTDVL FGL
LKKTVQKRQDMKLI VTSATLDAVKFSQYFYEAPIFTIPGRTPVEILYKPEPTYLDASLITVMQIHLT
EPPGDILVFLTGQEEIDTACEILYERMKSLGPDVPELIIILPVYSALPSEMQTRIFDPAPPGRKVV IATN
IAETSLTIDGIYVVDPGFVKQVYNSKTGIDQLVVTPI SQAQAKQRAGRAGRTGPGKCYRLYTERAYRD
EMLTTNVPEIQRTNLASTVLSLKAMGINDLLSDFDMDAPPMETLITAMEQLYTLGALDDEGLLTRLGRM
AEFPLEPMLCKMLIMSVHLGCSEEMLTIVSMLSVQNVFYRPKDKQALADQKKAKFHQTEGDHLLAVYN
SWKNNKFSNPWCYENFIQARSLRRAQDIREQMLGIMDRHKL DVVSCGKSTVRVQKAI CSGF RNAAKKDP
QEGYRTLIDQVVYIHPSSALFNRPQEWVYHELVLTTKEYMREVTIDPRWLVEFAPAFKVS DPTKLS
KQKKQQRLEPLYNRYEENAWRISRAFRRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

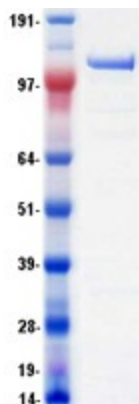
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
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_004932
RefSeq Size:	4201
RefSeq ORF:	3660
Synonyms:	DDX8; Dhr2; HRH1; PRP22; PRPF22
Locus ID:	1659
UniProt ID:	Q14562 , Q05CV4 , Q86YB2
Cytogenetics:	17q21.31
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]).