

Recombinant Human DHX32 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DHX32-5271H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DHX32 MS Standard C13 and N15-labeled recombinant protein (NP_060650) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a member of this family. The function of this member has not been determined. Alternative splicing of this gene generates 2 transcript variants, but the full length nature of one of the variants has not been defined.
Molecular Mass	84.4 kDa
AA Sequence	MEEEGLECPNNSSEKRYFPESLDSSDGDEEEVLACEDLELNPF DGLPYSSRYKLL KEREDLPWKEKYSFMENLLQNQIVIVSGDAKCGKSAQVPQWCAEYCLSIHYQHGG VICTQVHKQTVVQLALRVADEMDVNIGHEVGYPFENCCTNETILRYCTDDMLQRE MMSNPF LGSYGVIILDDIHERSIATDVLLGLLKDVLLARPELKLINSSPHLISKLNSYYG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NVPVIEVKNKHPVEVVYLSEAQKDSFESILRLIFEIHHSGEKGDIVVFLACEQDIEKVC
ETVYQGSNLNPD LGELVVVPLYPKEKCSLFKPLDETEKRCQVYQRRVLTSSGEFL
IWSNSVRFVIDVGVERRKVYNPRIRANSLVMQPISQSQA EIRKQILGSSSSGKFFCLY
TEEFASKDMTPLKPAEMQEANL TSMVLFMKRIDAGLGHCD FMNRPAPESLMQALE
DLDYLAALDNDGNLSEFGIIMSEFPLDPQLSKSILASCEFD CVDEVLTIAAMVTAPNCF
SHVPHGAEEAALTCWKTFLHPEGDHFTLISYKAYQD TTNSSSEYCV EKWCRDYFL
NCSALRMADVIRAELEI IKRIELPYAEPAFGSKENTLN IKKALLSGYFMQIARDVDGS
GNYLMLTHKQVAQLHPLSGYSITKKMPEWVLFHKFSISENNYIRITSEISPELFMQLVP
QYYFSNLPPSESKDILQQVVDHLSPVSTMNKEQQMCETCPETEQRCTLQTRTRPLE
QKLISEEDLAANDILDYKDDDDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DHX32 DEAH-box helicase 32 (putative) [Homo sapiens (human)]

Official Symbol DHX32

Synonyms DHX32; DEAH (Asp-Glu-Ala-His) box polypeptide 32; DDX32, DEAD/H (Asp Glu Ala Asp/His) box polypeptide 32; putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX32; DHLP1; FLJ10694; FLJ10889; huDDX32; DEAD/H box 32; DEAH

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box protein 32; DEAD/H helicase-like protein 1; DEAD/H helicase-like protein-1;
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 32; DDX32;

Gene ID 55760

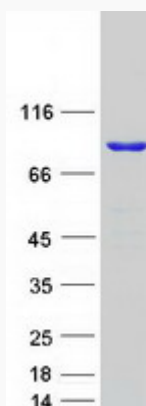
mRNA Refseq NM_018180

Protein Refseq NP_060650

MIM 607960

UniProt ID Q7L7V1

SDS-PAGE



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