

Recombinant Human DHX32 Protein, GST-tagged

Cat. No. DHX32-2608H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DHX32 full-length ORF (AAH02473.3, 1 a.a. - 743 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	110.8 kDa
AA Sequence	MEEEGLECPNSSSEKRYFPESLDSSDGDEEEVLACEDLELNPF DGLPYSSRYKLL KEREDLPWKEKYSFMENLLQNQIVIVSGDAKCGKSAQVPQWCAEYCLSIHYQHGG VICTQVHKQTVVQLALRVADEMDVNIGHEVG YVIPFENCCTNETILRYCTDDMLQRE MMSNPF LGSYGVIILDDIHERSIATDVLLG LLKDVLLARPELKLINSSPHLISKLN SYYG

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NVPVIEVKNKHPVEVVYLSEAQKDSFESILRLIFEIHHSGEKGDIVVFLACEQDIEKVC
 ETVYQGSNLNPD LGELVVVPLYPKEKCSL FKPLDETEKRCQVYQRRVLTSSGEFL
 IWSNSVRFVIDVGVERRKVYNPRIRANSLVMQPISQSQA EIRKQILGSSSSGKFFCLY
 TEEFASKDMTPLKPAEMQEANLTSMVLFMKRID IAGLGHCDFMNRPAPESLMQALE
 DLDYLAALDNDGNLSEFGIIMSEFPLDPQLSKSILASCEFDCVDEVLTIAAMVTAPNCF
 SHVPHGAEEAALTCWKTF LHPEGDHFTLIS IYKAYQD TTLNSSSEYCV EKWCRDYFL
 NCSALRMADVIRAELEI IKRIELPYAEP AFGSKENTLNIKKALLSGYFMQIARDVDGS
 GNYLMLTHKQVAQLHPLSGYSITKKMPEWVLFHKFSISENNYIRITSEISPELFMQLVP
 QYYFSNLPPSESKDILQQVVDHLSPVSTMNKEQQMCETCPETEQRCTLQ

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

DHX32 DEAH (Asp-Glu-Ala-His) box polypeptide 32 [Homo sapiens]

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 box protein 32; DEAD/H helicase-like protein 1; DEAD/H helicase-like protein-1;

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DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 32; DDX32;

Gene ID 55760

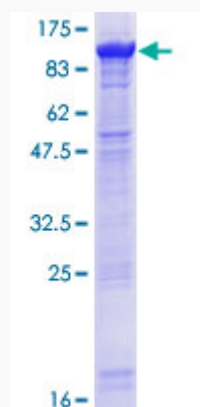
mRNA Refseq NM_018180

Protein Refseq NP_060650

MIM 607960

UniProt ID Q7L7V1

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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