Recombinant Full Length Human DHX32 Protein, GST-tagged

Cat. No. DHX32-2552HF **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	In Vitro Cell Free System
ProteinLength	743 amino acids
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	110.8 kDa
AA Sequence	MEEEGLECPNSSSEKRYFPESLDSSDGDEEEVLACEDLELNPFDGLPYSSRYYKLL KEREDLPIWKEKYSFMENLLQNQIVIVSGDAKCGKSAQVPQWCAEYCLSIHYQHGG VICTQVHKQTVVQLALRVADEMDVNIGHEVGYVIPFENCCTNETILRYCTDDMLQRE MMSNPFLGSYGVIILDDIHERSIATDVLLGLLKDVLLARPELKLIINSSPHLISKLNSYYG

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	NVPVIEVKNKHPVEVVYLSEAQKDSFESILRLIFEIHHSGEKGDIVVFLACEQDIEKVC ETVYQGSNLNPDLGELVVVPLYPKEKCSLFKPLDETEKRCQVYQRRVVLTTSSGEFL IWSNSVRFVIDVGVERRKVYNPRIRANSLVMQPISQSQAEIRKQILGSSSSGKFFCLY TEEFASKDMTPLKPAEMQEANLTSMVLFMKRIDIAGLGHCDFMNRPAPESLMQALE DLDYLAALDNDGNLSEFGIIMSEFPLDPQLSKSILASCEFDCVDEVLTIAAMVTAPNCF SHVPHGAEEAALTCWKTFLHPEGDHFTLISIYKAYQDTTLNSSSEYCVEKWCRDYFL NCSALRMADVIRAELLEIIKRIELPYAEPAFGSKENTLNIKKALLSGYFMQIARDVDGS 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-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 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

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