

Recombinant Human DHX32, GST-tagged

Cat. No. DHX32-11985H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DHX32 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-352a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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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; 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
Chromosome Location	10q26.11-q26.2
Function	ATP binding; helicase activity; hydrolase activity; nucleotide binding;

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