

Recombinant Human DHX33 Protein, GST-tagged

Cat. No. DHX33-2610H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DHX33 full-length ORF (BAB15193.1, 1 a.a. - 707 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the DEAD box protein family. The DEAD box proteins are 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]
Molecular Mass	105.1 kDa
AA Sequence	MPEEAGFPPAKRFRPGSGPPSRAGSFPPGRQVVMLLTAGSGGRGGGGGRRQQP PLAQPSASPYEAVELQRRSLPILQARGQLLAQLRNLDNAVLIGETGSGKTTQIPQYL YEGGISRQGIIAVTQPRRVAAISLATRVSDKRTLGKLVGYTVRFDDVTSEDGKFL TDGMLLREAISDSLLRKYSCVILDEAHERTIHTDVLFGVVKAAQKRRKELGKLPLKVIV MSATMDVDLFSQYFNGAPVLYLEGRQHPIQVFYTKQPQNDYLHAALVSVFQIHQEA

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PSSQDILVFLTGTQEEIEAMSKTCRDIKHLDPDGCPAMLVLPYASLPYAQQLRVFQG
 APKGYRKVIISTNIAETSITITGIKYVVDTGGMVKAKKYNPDSGLEVLAVQRVSKTQAWQ
 RTGRAGREDSGICYRLYTEDEFKFDKMTVPEIQRCNLASVMLQLLAMKVPNVLTFD
 FMSKPSPDHIQAAIAQLDLLGALEHKDDQLTLTPMGRKMAAFPLEPKFAKTILMSPKF
 HCTEEILTIVSLLSVDSVLHNPPSRREEVQGVRRKKLISSEGDHMTLLNIYRTFKNLGG
 NKDWCKENFVNSKNMTLVAEVRAQLRDICLKMSMPIASSRGDVESVRRCLAHSFLM
 STAELQPDGTYATTDTHQPVAIHPSSVLFHCKPACVVYTELLYTNKCYMRDLCVIDA
 QWLYEAAPEYFRRKLRTARN

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

DHX33 DEAH (Asp-Glu-Ala-His) box polypeptide 33 [Homo sapiens]

Official Symbol

DHX33

Synonyms

DHX33; DEAH (Asp-Glu-Ala-His) box polypeptide 33; DDX33, DEAD/H (Asp Glu Ala Asp/His) box polypeptide 33; putative ATP-dependent RNA helicase DHX33; DKFZp762F2011; FLJ21972; DEAH box protein 33; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 33; DDX33;

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Gene ID	56919
mRNA Refseq	NM_001199699
Protein Refseq	NP_001186628
MIM	614405
UniProt ID	Q9H6R0

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