

Recombinant Full Length Human DDX25 Protein, GST-tagged

Cat. No. DDX25-2564HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DDX25 full-length ORF (AAH50360, 1 a.a. - 483 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	483 amino acids
Description	<p>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 the 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 encoded protein is a gonadotropin-regulated and developmentally expressed testicular RNA helicase. It may serve to maintain testicular functions related to steroidogenesis and spermatogenesis. [provided by RefSeq, Jul 2008]</p>
Molecular Mass	78.87 kDa
AA Sequence	<p>MASLLWGGDAGAAESERLNSHFSNLSQPRKNLWGIKSTAVRNIDGSINNINEDDEE DVVDLAANSLLNKLIHQSLVESSHRVEVLQKDPSSPLYSVKTFEELRLKEELLKGIYA MGFNRPSKIQEMALPMMLAHPPQNLIQSQSGTGKTAAFVLAMLSRVNALELFPQC</p>

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LCLAPTYELALQTGRVVEQMGKFCVDVQVMYAIRGNRIPRGTDITKQIIIGTPGTVLD
 WCFKLKLDLTKIRVFLDEADVMIDTQGFSHSIRIQRALPSECQMLLFSATFEDSV
 WHFAERIIPDPNVIKLRKEELTLNNIRQYYVLCEHRKDKYQALCNIIYGSITIGQAIIFCQ
 TRRNAKWLTVEMIQDGHQVSLLSGELTVEQRASIIQRFRDGGKEKVLITTNVCARGIDV
 KQVTIVVNFDPVKQGEEPDIYETYLHRIGRTGRFGKKGLAFNMIEVDELPSLMKIQD
 HFNSSIKQLNAEDMDEIEKIDY

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	DDX25 DEAD (Asp-Glu-Ala-Asp) box helicase 25 [Homo sapiens]
Official Symbol	DDX25
Synonyms	DDX25; DEAD (Asp-Glu-Ala-Asp) box helicase 25; DEAD (Asp Glu Ala Asp) box polypeptide 25 , DEAD/H (Asp Glu Ala Asp/His) box polypeptide 25; ATP-dependent RNA helicase DDX25; gonadotropin regulated testicular RNA helicase; GRTH; DEAD box protein 25; DEAD (Asp-Glu-Ala-Asp) box polypeptide 25; gonadotropin-regulated testicular RNA helicase; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 25;
Gene ID	29118

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mRNA Refseq	NM_013264
Protein Refseq	NP_037396
MIM	607663
UniProt ID	Q9UHL0

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