

Recombinant Full Length Human DDX28 Protein, GST-tagged

Cat. No. DDX28-2569HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DDX28 full-length ORF (NP_060850.1, 1 a.a. - 540 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	540 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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene is intronless. It encodes an RNA-dependent ATPase. The encoded protein is localized in the mitochondria and the nucleus, and can be transported between the mitochondria and the nucleus. [provided by RefSeq, Jul 2008]
Molecular Mass	86 kDa
AA Sequence	MALARPVRLFSLVTRLLLAPRRGLTVRSPDEPLPVVRIPVALQRQLEQRQSRRRNLP RPVLVRPGPLLVSARRPELNQPARLTLGRWERAPLASQGWKSRRARRRDHFSIERA QQEAPAVRKLSSKGSFADLGLEPRVLHALQEAAPEVVQPTTVQSSTIPSLLRGRHVV CAAETGSGKTLSYLLPLLQRLLGQPSLDSLPIAPRGLVLVPSRELAQQVRAVAQPL

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GRSLGLLVRDLEGGHGMRRIRLQLSRQPSADVLVATPGALWKALKSRLISLEQLSFL
VLDEADTLLDESFLVDYILEKSHIAEGPADLEDPFNPKAQLVLVGATFPEGVGQLL
NKVASPDAVTTITSSKLHCIMPHVKQTFLRLKGADKVAELVHILKHRDRAERTGPSGT
VLVFCNSSSTVNWLGYILDDHKIQHLRLQGQMPALMRVGIFQSFQKSSRDILLCTDIA
SRGLDSTGVELVVNYDFPPTLQDYIHRAGRVGRVGSEVPGTVISFVTHPWDVSLVQ
KIELAARRRRSLPGLASSVKEPLPQAT

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

DDX28 DEAD (Asp-Glu-Ala-Asp) box polypeptide 28 [Homo sapiens]

Official Symbol

DDX28

Synonyms

DDX28; DEAD (Asp-Glu-Ala-Asp) box polypeptide 28; DEAD/H (Asp Glu Ala Asp/His) box polypeptide 28; probable ATP-dependent RNA helicase DDX28; FLJ11282; MDDX28; mitochondrial DEAD box protein 28; mitochondrial DEAD-box polypeptide 28; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 28;

Gene ID

55794

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mRNA Refseq	NM_018380
Protein Refseq	NP_060850
MIM	607618
UniProt ID	Q9NUL7

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