

Recombinant Full Length Human DDX24 Protein, GST-tagged

Cat. No. DDX24-2563HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DDX24 full-length ORF (AAH96826.1, 1 a.a. - 804 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	804 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 family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which shows little similarity to any of the other known human DEAD box proteins, but shows a high similarity to mouse Ddx24 at the amino acid level. [provided by RefSeq, Jul 2008]
Molecular Mass	116.7 kDa
AA Sequence	MKLKDTKSRPKQSSCGKFQTKGIKVVGKWKEVKIDPNMFADGQMDDLVCFEELTDY QLVSPAKNPSSLFSKEAPKRKAQAVSEEEEEEEGKSSSPKKKIKLKSKNVATEGTS TQKEFEVKDPELEAQGDDMVCDDEPEAGEMTSENLVQTAPKKKKKNKGKKGLEPSQS TAAIRDKLDILGAAETGSGKTLAFAIPMIHAVLQWQKRNAAPPPSNTEAPPGETRTEA

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GAETRSPGKAEAESDALPDDTVIESEALPSDIAAEARAKTGGTVSDQALLFGDDDDAG
EGPSSLIREKPVPKQNEEEEEENLDKEQTGNLKQELDDKSATCKAYPKRPLLGLVLT
TRELAVQVKQHIDAVARFTGIKTAILVGGMSTQKQQRMLNRRPEIVVATPGRLWELIK
EKHYHLRNLRQLRCLVDEADRMVEKGHFAELSQLLEMLNDSQYNPKRQTLVFSAT
LTLVHQAPARILHKKHTKKMDKTAKLDLLMQKIGMRGKPKVIDLTRNEATVETLTETKI
HCETDEKDFLYYFLMQYPGRSLVFANSISCIKRLSGLLKVLDIMPLTLHACMHQKQR
LRNLEQFARLEDCVLLATDVAARGLDIPKVQHVIHYQVPRTSEIYVHRSGRTARATNE
GLSLMLIGPEDVINFKKIYKTLKKDEDIPLFPVQTKYMDVVKERIRLARQIEKSEYRNF
QACLNHSWIEQAAAALEIELEEDMYKGGKADQQEERRRQKQMKVLKKELRHLLSQP
LFTESQKTKYPTQSGKPPLLVSAPSKSESALSCLSKQKKKKTKKPKPEQPPEQPQPST
SAN

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

DDX24 DEAD (Asp-Glu-Ala-Asp) box polypeptide 24 [Homo sapiens]

Official Symbol

DDX24

Synonyms

DDX24; DEAD (Asp-Glu-Ala-Asp) box polypeptide 24; DEAD/H (Asp Glu Ala Asp/His) box polypeptide 24; ATP-dependent RNA helicase DDX24; DEAD box protein 24; S.

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cerevisiae CHL1-like helicase; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 24;

Gene ID	57062
mRNA Refseq	NM_020414
Protein Refseq	NP_065147
MIM	606181
UniProt ID	Q9GZR7

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