

Recombinant Human DDX24, His-tagged

Cat. No. DDX24-28324TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 674-859 of Human DDX24 with N terminal His tag; 186 amino acids, 35kDa.
Species	Human
Source	E.coli
ProteinLength	674-859 a.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 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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 115 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	RSGRTARATNEGLSLMLIGPEDVINFKKIYKTLKKDEDIP LFPVQTKYMDVVKERIRL ARQIEKSEYRNFQACLNHSW IEQAAAALEIELEEDMYKGGKADQQEERRRQKQMK VLKKE LRHLLSQPLFTESQKTKYPTQSGKPPLLVSAPSKSESA LSCLSKQKKKKTK KPKEPQPEQPQPSTSAN
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;
Gene ID	57062
mRNA Refseq	NM_020414
Protein Refseq	NP_065147
MIM	606181
Uniprot ID	Q9GZR7
Chromosome Location	14q32
Function	ATP binding; ATP-dependent RNA helicase activity; ATP-dependent helicase activity; RNA binding; RNA helicase activity;

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