

Recombinant Human DDX42 cell lysate

Cat. No. DDX42-456HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene encodes a member of the Asp-Glu-Ala-Asp (DEAD) box protein family. Members of this protein family are putative RNA helicases, and 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. Members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. Two transcript variants encoding the same protein have been identified for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	DDX42 DEAD (Asp-Glu-Ala-Asp) box polypeptide 42 [Homo sapiens]
Official Symbol	DDX42
Synonyms	DDX42; DEAD (Asp-Glu-Ala-Asp) box polypeptide 42; ATP-dependent RNA helicase

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	DDX42; RHELP; RNAHP; SF3b125; DEAD box protein 42; SF3b DEAD box protein; SF3b125 DEAD-box protein; RNA helicase-like protein; RNA helicase-related protein; splicing factor 3B-associated 125 kDa protein; FLJ43179;
Gene ID	11325
mRNA Refseq	NM_007372
Protein Refseq	NP_031398
MIM	613369
UniProt ID	Q86XP3
Chromosome Location	17q23
Pathway	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, U2-snRNP, organism-specific biosystem;
Function	ATP binding; ATP-dependent helicase activity; RNA binding; helicase activity; hydrolase activity; nucleotide binding; protein binding;