

Recombinant Human DDX23 293 Cell Lysate

Cat. No. DDX23-7014HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for DEAD (Asp-Glu-Ala-Asp) box polypeptide 23 (DDX23) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

DDX23 DEAD (Asp-Glu-Ala-Asp) box polypeptide 23 [Homo sapiens]

Official Symbol

DDX23

Synonyms

DDX23; DEAD (Asp-Glu-Ala-Asp) box polypeptide 23; PRP28 homolog, yeast; probable ATP-dependent RNA helicase DDX23; prp28; PRPF28; U5 100K; PRP28p homolog; DEAD box protein 23; U5 snRNP 100 kD protein; 100 kDa U5 snRNP-specific protein; U5-100K; U5-100KD; MGC8416;

Gene ID

9416

mRNA Refseq

NM_004818

Protein Refseq

NP_004809

MIM

612172

UniProt ID

Q9BUQ8

Chromosome Location

12q13.11

Pathway

Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, U4/U6.U5 tri-snRNP,

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organism-specific biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem;

Function

ATP binding; ATP-dependent RNA helicase activity; NOT ATP-dependent helicase activity; helicase activity; hydrolase activity; nucleic acid binding; nucleotide binding; protein binding;

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