

Recombinant Human DDX56 293 Cell Lysate

Cat. No. DDX56-7001HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for DEAD (Asp-Glu-Ala-Asp) box polypeptide 56 (DDX56) 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

DDX56 DEAD (Asp-Glu-Ala-Asp) box helicase 56 [Homo sapiens]

Official Symbol

DDX56

Synonyms

DDX56; DEAD (Asp-Glu-Ala-Asp) box helicase 56; DEAD (Asp Glu Ala Asp) box polypeptide 56; probable ATP-dependent RNA helicase DDX56; NOH61; nucleolar helicase of 61 kDa; DEAD box protein 21; DEAD box protein 56; DEAD-box RNA helicase; 61-kd nucleolar helicase; putative nucleolar RNA helicase; DEAD (Asp-Glu-Ala-Asp) box polypeptide 56; ATP-dependent 61 kDa nucleolar RNA helicase; DDX21; DDX26;

Gene ID

54606

mRNA Refseq

NM_001257189

Protein Refseq

NP_001244118

MIM

608023

UniProt ID

Q9NY93

Chromosome Location

7p13

Function

ATP binding; ATP-dependent RNA helicase activity; RNA binding; helicase activity;

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hydrolase activity; nucleotide binding;

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