

Recombinant Human DDX28 293 Cell Lysate

Cat. No. DDX28-7011HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for DEAD (Asp-Glu-Ala-Asp) box polypeptide 28 (DDX28), nuclear gene encoding mitochondrial protein 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

DDX28 DEAD (Asp-Glu-Ala-Asp) box polypeptide 28 [Homo sapiens]

Official Symbol

DDX28

Synonyms

DDX28; DEAD (Asp-Glu-Ala-Asp) box polypeptide 28; DEAD/H (Asp Glu Ala Asp/His) box polypeptide 28; probable ATP-dependent RNA helicase DDX28; FLJ11282; MDDX28; mitochondrial DEAD box protein 28; mitochondrial DEAD-box polypeptide 28; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 28;

Gene ID

55794

mRNA Refseq

NM_018380

Protein Refseq

NP_060850

MIM

607618

UniProt ID

Q9NUL7

Chromosome Location

16q22.1-q22.3

Function

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

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