

Recombinant Human DDX41 293 Cell Lysate

Cat. No. DDX41-7005HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 (DDX41) 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	DDX41 DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 [Homo sapiens]
Official Symbol	DDX41
Synonyms	DDX41; DEAD (Asp-Glu-Ala-Asp) box polypeptide 41; probable ATP-dependent RNA helicase DDX41; ABS; MGC8828; 2900024F02Rik; DEAD box protein 41; putative RNA helicase; DEAD-box protein abstrakt; DEAD box protein abstrakt homolog;
Gene ID	51428
mRNA Refseq	NM_016222
Protein Refseq	NP_057306
MIM	608170
UniProt ID	Q9UJV9
Chromosome Location	5q35.3
Function	ATP binding; ATP-dependent helicase activity; RNA binding; helicase activity; hydrolase activity; metal ion binding; nucleotide binding; zinc ion binding;

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