

Recombinant Human DDX6 293 Cell Lysate

Cat. No. DDX6-6998HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for DEAD (Asp-Glu-Ala-Asp) box polypeptide 6 (DDX6) 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

DDX6 DEAD (Asp-Glu-Ala-Asp) box helicase 6 [Homo sapiens]

Official Symbol

DDX6

Synonyms

DDX6; DEAD (Asp-Glu-Ala-Asp) box helicase 6; DEAD (Asp Glu Ala Asp) box polypeptide 6 , DEAD/H (Asp Glu Ala Asp/His) box polypeptide 6 (RNA helicase, 54kD) , HLR2; probable ATP-dependent RNA helicase DDX6; RCK; DEAD box-6; oncogene RCK; DEAD box protein 6; ATP-dependent RNA helicase p54; DEAD (Asp-Glu-Ala-Asp) box polypeptide 6; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 6 (RNA helicase, 54kD); P54; HLR2; FLJ36338;

Gene ID

1656

mRNA Refseq

NM_001257191

Protein Refseq

NP_001244120

MIM

600326

UniProt ID

P26196

Chromosome Location

11q23.3

Pathway

Deadenylation-dependent mRNA decay, organism-specific biosystem; Decapping

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complex, organism-specific biosystem; Decapping complex, conserved biosystem; Gene Expression, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem; mRNA Decay by 5 to 3 Exoribonuclease, organism-specific biosystem;

Function

ATP binding; ATP-dependent helicase activity; RNA binding; RNA helicase activity; helicase activity; hydrolase activity; nucleic acid binding; nucleotide binding; protein binding;

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