

Recombinant Human DDX20 293 Cell Lysate

Cat. No. DDX20-7016HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for DEAD (Asp-Glu-Ala-Asp) box polypeptide 20 (DDX20) 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

DDX20 DEAD (Asp-Glu-Ala-Asp) box polypeptide 20 [Homo sapiens]

Official Symbol

DDX20

Synonyms

DDX20; DEAD (Asp-Glu-Ala-Asp) box polypeptide 20; DEAD/H (Asp Glu Ala Asp/His) box polypeptide 20, 103kD; probable ATP-dependent RNA helicase DDX20; DP103; GEMIN3; gemin-3; DEAD box protein 20; component of gems 3; DEAD-box protein DP103; DEAD box protein DP 103; SMN-interacting protein; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 20, 103kD; DKFZp434H052;

Gene ID

11218

mRNA Refseq

NM_007204

Protein Refseq

NP_009135

MIM

606168

UniProt ID

Q9UHI6

**Chromosome
Location**

1p21.1-p13.2

Pathway

Gene Expression, organism-specific biosystem; Metabolism of non-coding RNA, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA

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transport, conserved biosystem; Survival motor neuron (SMN) complex, organism-specific biosystem; mRNA processing, organism-specific biosystem; snRNP Assembly, organism-specific biosystem;

Function

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

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