Recombinant Human DIS3 293 Cell Lysate

Cat. No. DIS3-6919HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for DIS3 mitotic control homolog (S. cerevisiae) (DIS3), transcript variant 1 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	DIS3 DIS3 mitotic control homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	DIS3
Synonyms	DIS3; DIS3 mitotic control homolog (S. cerevisiae); KIAA1008; exosome complex exonuclease RRP44; dis3p; EXOSC11; exosome component 11; RRP44; 2810028N01Rik; protein DIS3 homolog; ribosomal RNA-processing protein 44; mitotic control protein dis3 homolog; bA555G22.1; RP11-342J4.3; FLJ10484; MGC33035; DKFZp667L1817;
Gene ID	22894
mRNA Refseq	NM_001128226
Protein Refseq	NP_001121698
MIM	607533
UniProt ID	Q9Y2L1
Chromosome Location	13q21.32
Pathway	Activation of Genes by ATF4, organism-specific biosystem; Deadenylation-dependent mRNA decay, organism-specific biosystem; Destabilization of mRNA by Butyrate

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	Response Factor 1 (BRF1), organism-specific biosystem; Destabilization of mRNA by KSRP, organism-specific biosystem; Destabilization of mRNA by Tristetraprolin (TTP), organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem;
Function	3-5-exoribonuclease activity; RNA binding; endonuclease activity; exonuclease activity; guanyl-nucleotide exchange factor activity; hydrolase activity; protein binding; ribonuclease activity;

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