Recombinant Human HNRNPK 293 Cell Lysate

Cat. No. HNRNPK-5443HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for heterogeneous nuclear ribonucleoprotein K (HNRNPK), transcript variant 2 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	HNRNPK heterogeneous nuclear ribonucleoprotein K [Homo sapiens]
Official Symbol	HNRNPK
Synonyms	HNRNPK; heterogeneous nuclear ribonucleoprotein K; HNRPK; CSBP; transformation upregulated nuclear protein; TUNP; dC-stretch binding protein; FLJ41122;
Gene ID	3190
mRNA Refseq	NM_031263
Protein Refseq	NP_112553
MIM	600712
UniProt ID	P61978
Chromosome Location	9q21.32-q21.33
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; Gene Expression, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific

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	biosystem; Spliceosome, conserved biosystem;
Function	DNA binding; RNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; protein binding; single-stranded DNA binding;

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