Recombinant Human RPL10 293 Cell Lysate

Cat. No. RPL10-2230HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for ribosomal protein L10 (RPL10), 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	RPL10 ribosomal protein L10 [Homo sapiens]
Official Symbol	RPL10
Synonyms	RPL10; ribosomal protein L10; 60S ribosomal protein L10; DXS648; DXS648E; FLJ23544; L10; NOV; QM; tumor suppressor QM; laminin receptor homolog; Wilms tumor-related protein; AUTSX5; FLJ27072; DKFZp686J1851;
Gene ID	6134
mRNA Refseq	NM_001256580
Protein Refseq	NP_001243509
MIM	312173
UniProt ID	P27635
Chromosome Location	Xq28
Pathway	Cap-dependent Translation Initiation, organism-specific biosystem; Cytoplasmic Ribosomal Proteins, organism-specific biosystem; Disease, organism-specific biosystem; Eukaryotic Translation Elongation, organism-specific biosystem; Eukaryotic Translation Initiation, organism-specific biosystem; Eukaryotic Translation

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	Termination, organism-specific biosystem; Formation of a pool of free 40S subunits, organism-specific biosystem;
Function	structural constituent of ribosome; structural constituent of ribosome;

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