Recombinant Human ZNF143 293 Cell Lysate

Cat. No. ZNF143-142HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for zinc finger protein 143 (ZNF143) 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	ZNF143 zinc finger protein 143 [Homo sapiens]
Official Symbol	ZNF143
Synonyms	ZNF143; zinc finger protein 143; zinc finger protein 143 (clone pHZ 1); pHZ 1; SBF; STAF; hStaf; SPH-binding factor; transcriptional activator Staf; selenocysteine tRNA gene transcription-activating factor; pHZ-1;
Gene ID	7702
mRNA Refseq	NM_003442
Protein Refseq	NP_003433
MIM	603433
UniProt ID	P52747
Chromosome Location	11p15.4
Pathway	Gene Expression, organism-specific biosystem; RNA Polymerase I, RNA Polymerase III, and Mitochondrial Transcription, organism-specific biosystem; RNA Polymerase III Abortive And Retractive Initiation, organism-specific biosystem; RNA Polymerase III Transcription, organism-specific biosystem; RNA Polymerase III Transcription

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	Initiation, organism-specific biosystem; RNA Polymerase III Transcription Initiation From Type 3 Promoter, organism-specific biosystem;

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