Recombinant Human SKI 293 Cell Lysate

Cat. No. SKI-1815HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for v-ski sarcoma viral oncogene homolog (avian) (SKI) 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	SKI v-ski sarcoma viral oncogene homolog (avian) [Homo sapiens]
Official Symbol	SKI
Synonyms	SKI; v-ski sarcoma viral oncogene homolog (avian); v ski avian sarcoma viral oncogene homolog; ski oncogene; C-ski; ski oncoprotein; proto-oncogene c-Ski; SKV;
Gene ID	6497
mRNA Refseq	NM_003036
Protein Refseq	NP_003027
MIM	164780
UniProt ID	P12755
Chromosome Location	1p36.33
Pathway	BMP Signalling Pathway, organism-specific biosystem; BMP receptor signaling, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Hedgehog Signaling Pathway, organism-specific biosystem; Regulation of nuclear SMAD2/3 signaling, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by BMP, organism-specific biosystem;

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Function	SMAD binding; chromatin binding; histone deacetylase inhibitor activity; nucleotide binding; protein binding; protein domain specific binding; protein kinase binding; repressing transcription factor binding; transcription corepressor activity; transcription corepressor activity; ubiquitin protein ligase binding; zinc ion binding;

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