Recombinant Human TSKU 293 Cell Lysate

Cat. No. TSKU-716HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for tsukushi small leucine rich proteoglycan homolog (Xenopus laevis) (TSKU) 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	TSKU tsukushi small leucine rich proteoglycan homolog (Xenopus laevis) [Homo sapiens]
Official Symbol	TSKU
Synonyms	TSKU; tsukushi small leucine rich proteoglycan homolog (Xenopus laevis); leucine rich repeat containing 54 , LRRC54, tsukushin; tsukushin; E2IG4; TSK; tsukushi homolog; E2-induced gene 4 protein; leucine rich repeat containing 54; leucine-rich repeat-containing protein 54; tsukushi, small leucine rich proteoglycan; LRRC54;
Gene ID	25987
mRNA Refseq	NM_001258210
Protein Refseq	NP_001245139
MIM	608015
UniProt ID	Q8WUA8
Chromosome Location	11q13.5

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