Recombinant Human KANK3 293 Cell Lysate

Cat. No. KANK3-5092HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for KN motif and ankyrin repeat domains 3 (KANK3) 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	KANK3 KN motif and ankyrin repeat domains 3 [Homo sapiens]
Official Symbol	KANK3
Synonyms	KANK3; KN motif and ankyrin repeat domains 3; ANKRD47, ankyrin repeat domain 47; KN motif and ankyrin repeat domain-containing protein 3; FLJ46061; ankyrin repeat domain 47; kidney ankyrin repeat-containing protein 3; ankyrin repeat domain-containing protein 47; ANKRD47;
Gene ID	256949
mRNA Refseq	NM_198471
Protein Refseq	NP_940873
MIM	614611
UniProt ID	Q6NY19
Chromosome Location	19p13.2

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