

Recombinant Human AKAP8L 293 Cell Lysate

Cat. No. AKAP8L-8936HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for A kinase (PKA) anchor protein 8-like (AKAP8L) 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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	AKAP8L A kinase (PRKA) anchor protein 8-like [Homo sapiens]
Official Symbol	AKAP8L
Synonyms	AKAP8L; A kinase (PRKA) anchor protein 8-like; A-kinase anchor protein 8-like; HAP95; NAKAP95; neighbor of A kinase anchoring protein 95; AKAP8-like protein; neighbor of AKAP95; homologous to AKAP95 protein; helicase A-binding protein 95 kDa; neighbor of A-kinase anchoring protein 95; neighbor of A-kinase-anchoring protein 95; HA95; NAKAP; DKFZp434L0650;
Gene ID	26993
mRNA Refseq	NM_014371
Protein Refseq	NP_055186
MIM	609475
UniProt ID	Q9ULX6
Chromosome Location	19p13.13-p13.12
Function	DEAD/H-box RNA helicase binding; DNA binding; metal ion binding; protein binding; zinc ion binding;

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