Recombinant Human ADNP 293 Cell Lysate

Cat. No. ADNP-9008HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for activity-dependent neuroprotector homeobox (ADNP), transcript variant 1 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	ADNP activity-dependent neuroprotector homeobox [Homo sapiens]
Official Symbol	ADNP
Synonyms	ADNP; activity-dependent neuroprotector homeobox; activity dependent neuroprotector; activity-dependent neuroprotector homeobox protein; ADNP homeobox 1; ADNP1; KIAA0784; activity-dependent neuroprotective protein;
Gene ID	23394
mRNA Refseq	NM_015339
Protein Refseq	NP_056154
MIM	611386
UniProt ID	Q9H2P0
Chromosome Location	20q13.13
Function	beta-tubulin binding; chromatin binding; copper ion binding; metal ion binding; peptide binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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