

Recombinant Human CNTNAP1 293 Cell Lysate

Cat. No. CNTNAP1-7390HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for contactin associated protein 1 (CNTNAP1) 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 CNTNAP1 contactin associated protein 1 [Homo sapiens]

Official Symbol CNTNAP1

Synonyms P190; CASPR; NRXN4; CNTNAP

Gene ID 8506

mRNA Refseq NM_003632.2

Protein Refseq NP_003623.1

MIM 602346

UniProt ID P78357

Chromosome Location 17q21

Pathway Axon guidance, organism-specific biosystem;Cell adhesion molecules (CAMs), organism-specific biosystem;Cell adhesion molecules (CAMs), conserved biosystem;Developmental Biology, organism-specific biosystem;L1CAM interactions, organism-specific biosystem;Neurofascin interactions, organism-specific biosystem;

Function SH3 domain binding;SH3/SH2 adaptor activity;protein binding;receptor

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activity;receptor binding;

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