

Recombinant Human RAPSN 293 Cell Lysate

Cat. No. RAPSN-2517HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for receptor-associated protein of the synapse (RAPSN), 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

RAPSN receptor-associated protein of the synapse [Homo sapiens]

Official Symbol

RAPSN

Synonyms

RAPSN; receptor-associated protein of the synapse; receptor associated protein of the synapse, 43kD; 43 kDa receptor-associated protein of the synapse; CMS1D; CMS1E; rapsyn; RNF205; RING finger protein 205; 43 kda postsynaptic protein; acetylcholine receptor-associated 43 kda protein; RAPSYN; MGC3597;

Gene ID

5913

mRNA Refseq

NM_005055

Protein Refseq

NP_005046

MIM

601592

UniProt ID

Q13702

Chromosome Location

11p11.2

Function

acetylcholine receptor binding; binding; metal ion binding; zinc ion binding;

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