

Recombinant Human PRKCSH 293 Cell Lysate

Cat. No. PRKCSH-2853HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for protein kinase C substrate 80K-H (PRKCSH), 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

PRKCSH protein kinase C substrate 80K-H [Homo sapiens]

Official Symbol

PRKCSH

Synonyms

PRKCSH; protein kinase C substrate 80K-H; G19P1; glucosidase 2 subunit beta; hepatocystin; AGE-binding receptor 2; glucosidase II subunit beta; glucosidase II, beta subunit; protein kinase C substrate, 80 Kda protein; protein kinase C substrate 60.1 kDa protein heavy chain; PCLD; PLD1; PKCSH; AGE-R2;

Gene ID

5589

mRNA Refseq

NM_001001329

Protein Refseq

NP_001001329

MIM

177060

UniProt ID

P14314

Chromosome Location

19p13.2

Pathway

Advanced glycosylation endproduct receptor signaling, organism-specific biosystem; Asparagine N-linked glycosylation, organism-specific biosystem; Calnexin/calreticulin cycle, organism-specific biosystem; Immune System, organism-specific biosystem;

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Innate Immune System, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; N-glycan trimming in the ER and Calnexin/Calreticulin cycle, organism-specific biosystem;

Function

calcium ion binding; protein kinase C binding;

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