

Recombinant Human SMARCC2 293 Cell Lysate

Cat. No. SMARCC2-1669HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2 (SMARCC2), transcript variant 2 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 SMARCC2 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2 [Homo sapiens]

Official Symbol SMARCC2

Synonyms SMARCC2; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2; SWI/SNF complex subunit SMARCC2; BAF170; CRACC2; Rsc8; SWI3-like protein; BRG1-associated factor 170; SWI/SNF complex 170 kDa subunit; chromatin remodeling complex BAF170 subunit; mammalian chromatin remodeling complex BRG1-associated factor 170; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 2; DKFZp313D0632;

Gene ID 6601

mRNA Refseq NM_001130420

Protein Refseq NP_001123892

MIM 601734

UniProt ID Q8TAQ2

Chromosome Location 12q13.2

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Pathway	Glucocorticoid receptor regulatory network, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	DNA binding; protein binding; transcription coactivator activity;

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