

Recombinant Human SMARCD1 293 Cell Lysate

Cat. No. SMARCD1-1668HCL **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 d, member 1 (SMARCD1), 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

SMARCD1 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1 [Homo sapiens]

Official Symbol

SMARCD1

Synonyms

SMARCD1; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 1; BAF60A; CRACD1; Rsc6p; Swp73-like protein; BRG1-associated factor 60A; SWI/SNF complex 60 kDa subunit A; chromatin remodeling complex BAF60A subunit; 60 kDa BRG-1/Brm-associated factor subunit A; mammalian chromatin remodeling complex BRG1-associated factor 60A;

Gene ID

6602

mRNA Refseq

NM_003076

Protein Refseq

NP_003067

MIM

601735

UniProt ID

Q96GM5

**Chromosome
Location**

12q13-q14

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Pathway	Glucocorticoid receptor regulatory network, organism-specific biosystem;
Function	protein binding; protein complex scaffold; transcription coactivator activity;