

Recombinant Human SMARCD1 293 Cell Lysate

Cat. No. SMARCD1-1668HCL Lot. No. (See product label)

SPECIFICATION

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.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil

 Tel: 1-631-559-9269 1-516-512-3133

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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;

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