

Recombinant Human DRAP1 293 Cell Lysate

Cat. No. DRAP1-6819HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for DR1-associated protein 1 (negative cofactor 2 alpha) (DRAP1) 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

DRAP1 DR1-associated protein 1 (negative cofactor 2 alpha) [Homo sapiens]

Official Symbol

DRAP1

Synonyms

DRAP1; DR1-associated protein 1 (negative cofactor 2 alpha); dr1-associated corepressor; DR1 associated corepressor; NC2 alpha; negative cofactor 2 alpha; negative co-factor 2-alpha; NC2-alpha;

Gene ID

10589

mRNA Refseq

NM_006442

Protein Refseq

NP_006433

MIM

602289

UniProt ID

Q14919

Chromosome Location

11q13

Pathway

Developmental Biology, organism-specific biosystem; Signaling by NODAL, organism-specific biosystem;

Function

DNA binding; sequence-specific DNA binding; sequence-specific DNA binding

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transcription factor activity; transcription corepressor activity; transcription factor binding;