

Recombinant Human COPS2 293 Cell Lysate

Cat. No. COPS2-7359HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis) (COPS2), 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

COPS2 COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis) [Homo sapiens]

Official Symbol

COPS2

Synonyms

COPS2; COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis); COP9 signalosome complex subunit 2; ALIEN; CSN2; TRIP15; TRIP-15; alien homolog; signalosome subunit 2; TR-interacting protein 15; JAB1-containing signalosome subunit 2; thyroid receptor interacting protein 15; thyroid receptor-interacting protein 15; SGN2;

Gene ID

9318

mRNA Refseq

NM_001143887

Protein Refseq

NP_001137359

MIM

604508

UniProt ID

P61201

Chromosome Location

15q21.2

Function

protein binding; signal transducer activity;

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