Recombinant Human COPS5 293 Cell Lysate

Cat. No. COPS5-7356HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for COP9 constitutive photomorphogenic homolog subunit 5 (Arabidopsis) (COPS5) 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	COPS5 COP9 constitutive photomorphogenic homolog subunit 5 (Arabidopsis) [Homo sapiens]
Official Symbol	COPS5
Synonyms	COPS5; COP9 constitutive photomorphogenic homolog subunit 5 (Arabidopsis); COP9 (constitutive photomorphogenic, Arabidopsis, homolog) subunit 5; COP9 signalosome complex subunit 5; CSN5; JAB1; MOV 34; SGN5; 38 kDa Mov34 homolog; signalosome subunit 5; jun activation domain-binding protein 1; MOV-34; MGC3149;
Gene ID	10987
mRNA Refseq	NM_006837
Protein Refseq	NP_006828
MIM	604850
UniProt ID	Q92905
Chromosome Location	8q13
Pathway	HIF-1-alpha transcription factor network, organism-specific biosystem; Hypoxic and

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	oxygen homeostasis regulation of HIF-1-alpha, organism-specific biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem;
Function	metal ion binding; metallopeptidase activity; peptidase activity; protein binding; transcription coactivator activity; translation initiation factor activity;

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