

Recombinant Human PCGF2 293 Cell Lysate

Cat. No. PCGF2-3382HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for polycomb group ring finger 2 (PCGF2) 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

PCGF2 polycomb group ring finger 2 [Homo sapiens]

Official Symbol

PCGF2

Synonyms

PCGF2; polycomb group ring finger 2; ring finger protein 110 , RNF110, ZNF144; polycomb group RING finger protein 2; MEL 18; ring finger protein 110; zinc finger protein 144; DNA-binding protein Mel-18; MEL-18; RNF110; ZNF144; MGC10545;

Gene ID

7703

mRNA Refseq

NM_007144

Protein Refseq

NP_009075

MIM

600346

UniProt ID

P35227

**Chromosome
Location**

17q12

Function

DNA binding; chromatin binding; metal ion binding; protein binding; sequence-specific DNA binding transcription factor activity; ubiquitin-protein ligase activity; zinc ion binding;

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