

Recombinant Human PHC1 293 Cell Lysate

Cat. No. PHC1-3239HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for polyhomeotic homolog 1 (Drosophila) (PHC1) 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.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

PHC1 polyhomeotic homolog 1 (Drosophila) [Homo sapiens]

Official Symbol

PHC1

Synonyms

PHC1; polyhomeotic homolog 1 (Drosophila); early development regulator 1 (homolog of polyhomeotic 1) , EDR1, polyhomeotic like 1 (Drosophila); polyhomeotic-like protein 1; HPH1; RAE28; polyhomeotic-like 1; early development regulatory protein 1; early development regulator 1 (homolog of polyhomeotic 1); EDR1;

Gene ID

1911

mRNA Refseq

NM_004426

Protein Refseq

NP_004417

MIM

602978

UniProt ID

P78364

Chromosome Location

12p13

Function

DNA binding; metal ion binding; zinc ion binding;

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA