

Recombinant Human PLAGL1 293 Cell Lysate

Cat. No. PLAGL1-3133HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for pleiomorphic adenoma gene-like 1 (PLAGL1), 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

PLAGL1 pleiomorphic adenoma gene-like 1 [Homo sapiens]

Official Symbol

PLAGL1

Synonyms

PLAGL1; pleiomorphic adenoma gene-like 1; zinc finger protein PLAGL1; LOT1; ZAC; LOT-1; PLAG-like 1; ZAC tumor supressor; tumor supressor ZAC; lost on transformation 1; pleiomorphic adenoma-like protein 1; pleiomorphic adenoma gene-like protein 1; ZAC1; MGC126275; MGC126276; DKFZp781P1017;

Gene ID

5325

mRNA Refseq

NM_001080951

Protein Refseq

NP_001074420

MIM

603044

UniProt ID

Q9UM63

Chromosome Location

6q24-q25

Pathway

Androgen Receptor Signaling Pathway, organism-specific biosystem;

Function

DNA binding; metal ion binding; nucleic acid binding; zinc ion binding;

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