

Recombinant Human MGC29506 293 Cell Lysate

Cat. No. MZB1-4338HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for plasma cell-induced ER protein 1 (MGC29506) 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

MZB1 marginal zone B and B1 cell-specific protein [Homo sapiens(human)]

Official Symbol

MZB1

Synonyms

MZB1; PACAP; pERp1; MEDA-7; marginal zone B and B1 cell-specific protein; HSPC190; caspase-2 binding protein; plasma cell-induced ER protein 1; proapoptotic caspase adapter protein; proapoptotic caspase adaptor protein; mesenteric estrogen-dependent adipose 7; plasma cell-induced resident ER protein; mesenteric oestrogen-dependent adipose gene- 7; plasma cell-induced resident endoplasmic reticulum protein

Gene ID

51237

mRNA Refseq

NM_016459

Protein Refseq

NP_057543

MIM

609447

UniProt ID

Q8WU39

Chromosome Location

5q31.2

Function

protein binding

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