

Recombinant Human PRAME 293 Cell Lysate

Cat. No. PRAME-2897HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for preferentially expressed antigen in melanoma (PRAME), transcript variant 4 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

PRAME preferentially expressed antigen in melanoma [Homo sapiens]

Official Symbol

PRAME

Synonyms

PRAME; preferentially expressed antigen in melanoma; MAPE; melanoma antigen preferentially expressed in tumors; cancer/testis antigen 130; CT130; OIP-4; opa-interacting protein 4; Opa-interacting protein OIP4; preferentially expressed antigen of melanoma; OIP4;

Gene ID

23532

mRNA Refseq

NM_206955

Protein Refseq

NP_996838

MIM

606021

UniProt ID

P78395

**Chromosome
Location**

22q11.22

Function

protein binding; retinoic acid receptor binding;

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