

Recombinant Human PEA15 293 Cell Lysate

Cat. No. PEA15-3312HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for phosphoprotein enriched in astrocytes 15 (PEA15) 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

PEA15 phosphoprotein enriched in astrocytes 15 [Homo sapiens]

Official Symbol

PEA15

Synonyms

PEA15; phosphoprotein enriched in astrocytes 15; astrocytic phosphoprotein PEA-15; HMAT1; homolog of mouse MAT 1 oncogene; HUMMAT1H; MAT1; MAT1H; PEA 15; PED; Phosphoprotein enriched in astrocytes; 15kD; homolog of mouse MAT-1 oncogene; phosphoprotein enriched in diabetes; Phosphoprotein enriched in astrocytes, 15kD; 15 kDa phosphoprotein enriched in astrocytes; PEA-15;

Gene ID

8682

mRNA Refseq

NM_003768

Protein Refseq

NP_003759

MIM

603434

UniProt ID

Q15121

**Chromosome
Location**

1q21.1

Function

protein binding;

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