

Recombinant Human CDK5RAP1 293 Cell Lysate

Cat. No. CDK5RAP1-7624HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for CDK5 regulatory subunit associated protein 1 (CDK5RAP1), 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.

 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

CDK5RAP1 CDK5 regulatory subunit associated protein 1 [Homo sapiens]

Official Symbol

CDK5RAP1

Synonyms

2310066P17Rik; C20orf34; C42; CDK5 activator binding protein C42; CDK5 activator binding protein C42 like; CDK5 regulatory subunit associated protein 1; CDK5RAP1.3; CDK5RAP1.4; CGI 05; HSPC167; OTTMUSP00000016976; RP23-154J12.6; RP5-1187J4.1;

Gene ID

51654

mRNA Refseq

NM_016082.3

Protein Refseq

NP_057166.3

MIM

608200

UniProt ID

Q96SZ6

Chromosome Location

20pter-q11.23

Function

4 iron, 4 sulfur cluster binding; metal ion binding; protein kinase binding; transferase activity;

 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