

Recombinant Human PCBP2 293 Cell Lysate

Cat. No. PCBP2-3402HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for poly(rC) binding protein 2 (PCBP2), transcript variant 2 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 PCBP2 poly(rC) binding protein 2 [Homo sapiens]

Official Symbol PCBP2

Synonyms PCBP2; poly(rC) binding protein 2; poly(rC)-binding protein 2; heterogenous nuclear ribonucleoprotein E2; hnRNP E2; HNRPE2; alpha-CP2; heterogeneous nuclear ribonucleoprotein E2; hnRNP-E2; MGC110998;

Gene ID 5094

mRNA Refseq NM_001098620

Protein Refseq NP_001092090

MIM 601210

UniProt ID Q15366

Chromosome Location 12q13.12-q13.13

Pathway Gene Expression, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Negative regulators of RIG-I/MDA5 signaling, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; RIG-I/MDA5 mediated induction

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of IFN-alpha/beta pathways, organism-specific biosystem; mRNA Splicing, organism-specific biosystem;

Function

DNA binding; RNA binding; RNA binding; enzyme binding; protein binding; ubiquitin protein ligase binding;

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