

Recombinant Human C4BPB 293 Cell Lysate

Cat. No. C4BPB-8036HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for complement component 4 binding protein, beta (C4BPB), transcript variant 3 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

C4BPB complement component 4 binding protein, beta [Homo sapiens]

Official Symbol

C4BPB

Synonyms

C4BPB; complement component 4 binding protein, beta; C4BP, complement component 4 binding protein, beta; C4b-binding protein beta chain; C4b binding protein; beta chain; complement component 4 binding protein; C4BP;

Gene ID

725

mRNA Refseq

NM_000716

Protein Refseq

NP_000707

MIM

120831

UniProt ID

P20851

**Chromosome
Location**

1q32

Pathway

Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Complement cascade, organism-specific biosystem; FOXA1 transcription factor network, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-

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specific biosystem; Pertussis, organism-specific biosystem;

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