

Recombinant Human CIB1 293 Cell Lysate

Cat. No. CIB1-7499HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for calcium and integrin binding 1 (calmyrin) (CIB1) 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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name CIB1 calcium and integrin binding 1 (calmyrin) [Homo sapiens]

Official Symbol CIB1

Synonyms CIB1; calcium and integrin binding 1 (calmyrin); calcium and integrin-binding protein 1; CALMYRIN; CIB; KIP; SIP2 28; CIBP; calmyrin; kinase-interacting protein; DNA-PKcs-interacting protein; SNK-interacting protein 2-28; Snk interacting protein 2-28; calcium- and integrin-binding protein; calcium and integrin binding protein 1; DNA-dependent protein kinase interacting protein; calcium and integrin binding, protein kinase interacting protein; KIP1; SIP2-28;

Gene ID 10519

mRNA Refseq NM_006384

Protein Refseq NP_006375

MIM 602293

UniProt ID Q99828

Chromosome Location 15q25.3-q26

Function calcium ion binding; protein binding;

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