

Recombinant Human PARD6B 293 Cell Lysate

Cat. No. PARD6B-3435HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for par-6 partitioning defective 6 homolog beta (C. elegans) (PARD6B) 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

PARD6B par-6 partitioning defective 6 homolog beta (C. elegans) [Homo sapiens]

Official Symbol

PARD6B

Synonyms

PARD6B; par-6 partitioning defective 6 homolog beta (C. elegans); par 6 (partitioning defective 6, C.elegans) homolog beta; partitioning defective 6 homolog beta; PAR 6B; PAR-6 beta; PAR6B;

Gene ID

84612

mRNA Refseq

NM_032521

Protein Refseq

NP_115910

MIM

608975

UniProt ID

Q9BYG5

**Chromosome
Location**

20q13.13

Pathway

Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Tight junction, organism-specific biosystem; Tight junction, conserved

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biosystem;

Function

protein binding;

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