

Human PRKCD Knockdown Cell Lysate

Cat. No. PRKCD-279HKCL Lot. No. (See product label)

SPECIFICATION

Product Overview	WB-validated PRKCD Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is a member of the protein kinase C family of serine- and threonine-specific protein kinases. The encoded protein is activated by diacylglycerol and is both a tumor suppressor and a positive regulator of cell cycle progression. Also, this protein can positively or negatively regulate apoptosis. Defects in this gene are a cause of autoimmune lymphoproliferative syndrome.
Form	Cell-Tissue Lysis buffer
Molecular Mass	78 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PRKCD KD HeLa cell lysate
Protein Families	Druggable Genome, Protein Kinase
Protein Pathways	Chemokine signaling pathway, Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, GnRH signaling pathway, Neurotrophin signaling pathway, Tight junction, Type II diabetes mellitus, Vascular smooth muscle contraction
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	PRKCD protein kinase C, delta [Homo sapiens (human)]
Official Symbol	PRKCD
Synonyms	PRKCD; protein kinase C, delta; protein kinase C delta type; protein kinase C delta VIII; tyrosine-protein kinase PRKCD; MAY1; PKCD; nPKC-delta; MGC49908;
Gene ID	5580
mRNA Refseq	NM_006254
Protein Refseq	NP_006245
MIM	176977
UniProt ID	Q05655

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