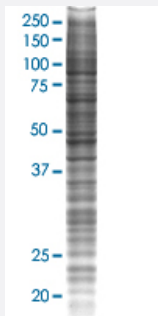


PLCD4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00084812-T02

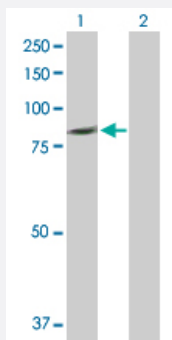
Size 100 uL

Applications



SDS-PAGE Gel

PLCD4 transfected lysate.



Western Blot

Lane 1: PLCD4 transfected lysate (87.60 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PLCD4 full-length
Host	Human
Theoretical MW (kDa)	87.6
Interspecies Antigen Sequence	Mouse (73); Rat (73)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PLCD4 antibody ([H00084812-D01P](#)) by Western Blots.
SDS-PAGE Gel
PLCD4 transfected lysate.
Western Blot
Lane 1: PLCD4 transfected lysate (87.60 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PLCD4

Entrez GeneID

[84812](#)

GeneBank Accession#

[NM_032726](#)

Protein Accession#

[NP_116115.1](#)

Gene Name

PLCD4

Gene Alias

MGC12837

Gene Description

phospholipase C, delta 4

Omim ID

[605939](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Phosphatidylinositol-specific phospholipase C (PLC) plays an important role in receptor-mediated signal transduction by generating 2 second messenger molecules, inositol 1,4,5-triphosphate (IP3) and diacylglycerol, from phosphatidylinositol 4,5-bisphosphate (PIP2). PLC comprises a diverse family of enzymes that differ in structure and tissue distribution (Berridge, 1993 [PubMed 838 1210]).[supplied by OMIM]

Other Designations

PLC delta4

Pathway

- [Calcium signaling pathway](#)
- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Mental Disorders](#)