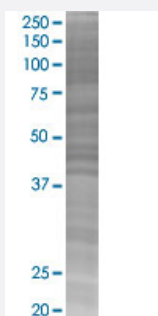


PLCG2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005336-T02

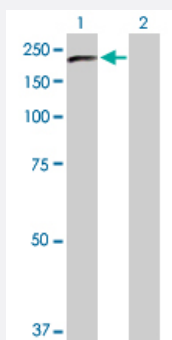
Size 100 uL

Applications



SDS-PAGE Gel

PLCG2 transfected lysate.



Western Blot

Lane 1: PLCG2 transfected lysate (147.90 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PLCG2 full-length

Host Human

Theoretical MW (kDa) 147.9

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PLCG2 antibody ([H00005336-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 PLCG2 transfected lysate.
 Western Blot
 Lane 1: PLCG2 transfected lysate (147.90 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 — PLCG2

Entrez GeneID	5336
GeneBank Accession#	BC007565
Protein Accession#	AAH07565.1
Gene Name	PLCG2
Gene Alias	-
Gene Description	phospholipase C, gamma 2 (phosphatidylinositol-specific)
Omim ID	600220
Gene Ontology	Hyperlink
Gene Summary	Enzymes of the phospholipase C family catalyze the hydrolysis of phospholipids to yield diacylglycerols and water-soluble phosphorylated derivatives of the lipid head groups. A number of these enzymes have specificity for phosphoinositides. Of the phosphoinositide-specific phospholipase C enzymes, C-beta is regulated by heterotrimeric G protein-coupled receptors, while the closely related C-gamma-1 (PLCG1; MIM 172420) and C-gamma-2 enzymes are controlled by receptor tyrosine kinases. The C-gamma-1 and C-gamma-2 enzymes are composed of phospholipase domains that flank regions of homology to noncatalytic domains of the SRC oncogene product, SH2 and SH3.[supplied by OMIM]
Other Designations	phospholipase C gamma 2 phospholipase C, gamma 2 phospholipase C, gamma 2 (phosphatidylinositol-specific)

Pathway

- [B cell receptor signaling pathway](#)
- [Calcium signaling pathway](#)

- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Glioma](#)
- [Inositol phosphate metabolism](#)
- [Leukocyte transendothelial migration](#)
- [Metabolic pathways](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)
- [Pathways in cancer](#)
- [Phosphatidylinositol signaling system](#)
- [VEGF signaling pathway](#)
- [Vibrio cholerae infection](#)

Disease

- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Mental Disorders](#)
- [Ovarian cancer](#)
- [Tobacco Use Disorder](#)