

Human PLCB3 Knockdown Cell Lysate

Cat. No. PLCB3-508HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated PLCB3 Knockdown HT-1080 Cell Lysate
Species	Human
Source	HT-1080
Description	This gene encodes a member of the phosphoinositide phospholipase C beta enzyme family that catalyze the production of the secondary messengers diacylglycerol and inositol 1,4,5-triphosphate from phosphatidylinositol in G-protein-linked receptor-mediated signal transduction. Alternative splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	139 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HT-1080 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping	Blue Ice
Components	1 vial of 100 µg WT HT-1080 cell lysate 1 vial of 100 µg PLCB3 KD HT-1080 cell lysate
Protein Families	Druggable Genome
Protein Pathways	Alzheimer's disease, Calcium signaling pathway, Chemokine signaling pathway, Gap junction, GnRH signaling pathway, Huntington's disease, Inositol phosphate metabolism, Long-term depression, Long-term potentiation, Melanogenesis, Metabolic pathways, Phosphatidylinositol signaling system, Vascular smooth muscle contraction, Wnt signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	PLCB3 phospholipase C, beta 3 (phosphatidylinositol-specific) [Homo sapiens (human)]
Official Symbol	PLCB3
Synonyms	PLCB3; phospholipase C, beta 3 (phosphatidylinositol-specific); 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3; PLC beta 3; PLC-beta-3; phosphoinositide phospholipase C-beta-3; FLJ37084;
Gene ID	5331
mRNA Refseq	NM_000932
Protein Refseq	NP_000923

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM	600230
-----	--------

UniProt ID	Q01970
------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA