

Recombinant Human PLCL2 Protein, His-tagged

Cat. No. PLCL2-2595H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLCL2 Protein (Phe829-Glu1127) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe829-Glu1127
Description	Enables GABA receptor binding activity. Predicted to be involved in negative regulation of cold-induced thermogenesis and phosphatidylinositol-mediated signaling. Predicted to act upstream of or within several processes, including B cell activation; gamma-aminobutyric acid signaling pathway; and negative regulation of B cell receptor signaling pathway. Predicted to be located in cytoplasm.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.2 kDa Accurate Molecular Mass: 37 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 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

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	PLCL2 phospholipase C-like 2 [Homo sapiens (human)]
Official Symbol	PLCL2
Synonyms	PLCL2; phospholipase C-like 2; phospholipase C, epsilon 2, PLCE2; inactive phospholipase C-like protein 2; KIAA1092; PLC-L2; PLC-L(2); PLC-epsilon-2; phospholipase C-L2; phospholipase C-epsilon-2; phospholipase C, epsilon 2; PLCE2; FLJ13484;
Gene ID	23228
mRNA Refseq	NM_001144382
Protein Refseq	NP_001137854
MIM	614276

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UniProt ID

Q9UPR0

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