

Recombinant Rat Plcb2 protein, His & T7-tagged

Cat. No. Plcb2-8264R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Plcb2 aa. (Met1~Arg250 (Accession # O89040)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Arg250
Description	May play a role in inositol mediated signal transduction of bitter taste perception.
Form	<1.0EU per 1µg (determined by the LAL method)
Molecular Mass	Predicted Molecular Mass: 32.5kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 9.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage Buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

Plcb2 phospholipase C, beta 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Plcb2

Synonyms

Plcb2; phospholipase C, beta 2; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-2; PKC beta II; PLC-beta-2; phosphoinositide phospholipase C-beta-2

Gene ID

85240

mRNA Refseq

NM_053478.1

Protein Refseq

NP_445930.1

UniProt ID

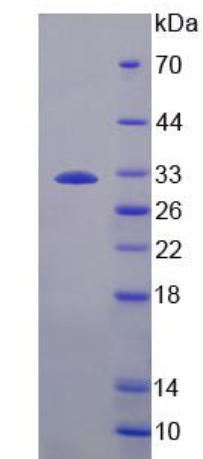
O89040

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SDS-PAGE



15% SDS-PAGE

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