

Recombinant Rat Plce1 protein, His & T7-tagged

Cat. No. Plce1-1017R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Plce1 aa. (Met1~Lys250 (Accession # Q99P84) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Lys250
Description	One of four classes of phospholipase C; directly regulated by Ras.
Form	Freeze-dried powder
Molecular Mass	35kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 5.2.
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

Plce1 phospholipase C, epsilon 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Plce1

Synonyms

Plce1; phospholipase C, epsilon 1; Plce; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase epsilon-1; PLC-epsilon-1; phosphoinositide phospholipase C-epsilon-1; phosphoinositide-specific phospholipase C epsilon-1; phospholipase C epsilon

Gene ID

114633

mRNA Refseq

NM_053758.2

Protein Refseq

NP_446210.1

UniProt ID

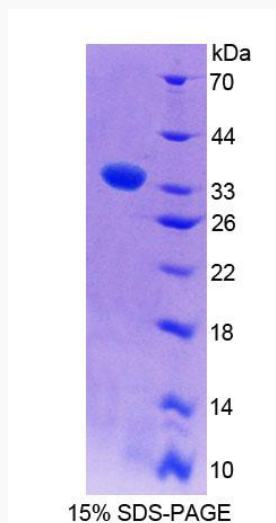
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SDS-PAGE



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