

## CERK 抗原（重组蛋白）

中文名称：CERK 抗原（重组蛋白）

英文名称：CERK Antigen (Recombinant Protein)

别名：LK4; hCERK; dA59H18.2; dA59H18.3

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 128-278 amino acids of human CERK

技术规格：

<b>Full name:</b>	ceramide kinase
<b>Synonyms:</b>	LK4; hCERK; dA59H18.2; dA59H18.3
<b>Swissprot:</b>	Q8TCT0
<b>Gene Accession:</b>	BC126940
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	CERK converts ceramide to ceramide 1-phosphate (C1P), a sphingolipid metabolite. Both CERK and C1P have been implicated in various cellular processes, including proliferation, apoptosis, phagocytosis, and inflammation. Catalyzes specifically the phosphorylation of ceramide to form ceramide 1-phosphate. Acts efficiently on natural and analog ceramides (C6, C8, C16 ceramides, and C8-dihydroceramide), to a lesser extent on C2-ceramide and C6-dihydroceramide, but not on other lipids, such as various sphingosines. Binds phosphoinositides.

