

PLCZ1 抗原（重组蛋白）

中文名称： PLCZ1 抗原（重组蛋白）

英文名称： PLCZ1 Antigen (Recombinant Protein)

别名： phospholipase C, zeta 1; PLCzeta; NYD-SP27; PLC-zeta-1

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 250 amino acids of human PLCZ1

技术规格

Full name:	phospholipase C, zeta 1
Synonyms:	PLCzeta; NYD-SP27; PLC-zeta-1
Swissprot:	Q86YW0
Gene Accession:	BC125067
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a member of the phosphoinositide-specific phospholipase C family. Members in this family, classified into six isotypes that are tissue- and organ-specific, hydrolyze phosphatidylinositol 4,5-bisphosphate just before the phosphate group to yield diacylglycerol and inositol 1,4,5-trisphosphate. This protein localizes to the acrosome in spermatozoa and elicits Ca ²⁺ oscillations and egg activation during fertilization that leads to early embryonic development. Alternative splicing results in multiple transcript variants.