

Recombinant Human PLCZ1

Catalog No: #GP11871

Package Size: #GP11871-1 100ug

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Description

Product Name	Recombinant Human PLCZ1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human phospholipase C, zeta 1
Target Name	phospholipase C, zeta 1
Other Names	PLCzeta; NYD-SP27; PLC-zeta-1
Accession No.	Swissprot:Q86YW0Gene Accession:BC125067
Uniprot	Q86YW0
GeneID	89869;
Storage	-20~-80°C, pH 7.6 PBS

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.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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