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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PRKCZ (Human) Recombinant Protein (Q01)

Catalog Number: H00005590-Q01

Regulation Status: For research use only (RUO)

Product Description: Human PRKCZ partial ORF (AAH08058, 165 a.a. - 255 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

KLLVHKRCHGLVPLTCRKHMD SVMPSQEPPVDDKNE
DADLPSEETDGIAYISSSRKHDSIKDDSEDLKPVIDGMD
GIKISQGLGLQDFDLI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 35.42

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5590

Gene Symbol: PRKCZ

Gene Alias: PKC-ZETA, PKC2

Gene Summary: Protein kinase C (PKC) zeta is a member of the PKC family of serine/threonine kinases which are involved in a variety of cellular processes such as proliferation, differentiation and secretion. Unlike the classical PKC isoenzymes which are

calcium-dependent, PKC zeta exhibits a kinase activity which is independent of calcium and diacylglycerol but not of phosphatidylserine. Furthermore, it is insensitive to typical PKC inhibitors and cannot be activated by phorbol ester. Unlike the classical PKC isoenzymes, it has only a single zinc finger module. These structural and biochemical properties indicate that the zeta subspecies is related to, but distinct from other isoenzymes of PKC. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]