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EZ Prime primer set for human PKC α

Product # EZ 64

Lot # 010596DM

Contents:

PCR primers for use in the detection and analysis of human mRNA transcript. This PCR-Amplimer set amplifies a specific gene transcript of size 542 bp. The amplimer set includes 5' and 3' primers in separate tubes compatible with regular PCR reagents. Each set (each primer in a 50 μ L volume) is sufficient for at least 100 reactions.

EZ-64A: Upstream Primer

EZ-64B: Downstream Primer

Quantity and Concentration: 50 μ M in 50 μ L sterile water.

Storage: -20 $^{\circ}$ C in a constant temperature freezer.

Optimal PCR Conditions:

Number of cycles: 35.

Denaturation temperature: 94 $^{\circ}$ C for 1 min.

Annealing temperature: 55 $^{\circ}$ C for 1 min.

Extension temperature: 72 $^{\circ}$ C for 1 min.

References:

1. Coussens, L., Parker, P. J., Rhee, L., Yang-Feng, T. L., Chen, E., Waterfield, M. D., Francke, U and Ullrich, A. *Science*, **233**:859, 1986.
2. Finkenzeller, G., Marme, D. and Hug, H. *Nucleic Acids Res.* **18**:2183, 1990.