



OXFORD BIOMEDICAL RESEARCH

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Product specifications

EZ Prime primer set for human PKC α

Product # EZ 60 Typical Lot

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 324 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 60 A: Upstream Primer

EZ 60 B: Downstream Primer

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

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

Optimal PCR Conditions:

Number of cycles: 35

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

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

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

References:

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)
Finkenzeller, G., Marme, D and Hug, H., *Nucleic Acids Res.*, **18**:2183 (1990)