

Bioneer Corporation

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Bioneer Inc.

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Bioneer R&D Center

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Description : http://sirna.bioneer.co.kr/primer_libraries.jsp

Contents :

Lyophilized 1.5 mL Tube
http://sirna.bioneer.co.kr/primer_libraries.jsp

Preparation of PCR primers :

Dissoved with **250ul/100rxns(500ul/200rxns)** of Distilled Water or 0.1x TE(1mM Tris, 0.1mM EDTA)

Storage :

The primer pair resuspended in Distilled Water or 0.1x TE buffer is stable for up to one year at <-20°C in a non-frost free freezer. Aliquot in single use portions. Avoid repeated freeze-thaw cycles.

General Precautions :

Wear gloves during experiments to prevent contaminations.
Add templates to the reaction mixture in clean bench or a spatially separated facility.

Protocol :

1. Add following PCR reagents into *AccuPower*® Greenstar PCR PreMix tube(per reaction)

Component	50 ul rxn
cDNA	200 ng ~ 40 ng
Forward Primer(ul)	2.5 ul
Reverse Primer(ul)	2.5 ul
Distilled Water	Adjust to 50 ul

2. Seal the Optocal adhesive film for real-time PCR on tube or plate.
3. Completely mix by vigorous vortexing for resuspension of PreMix Pellets.
4. Centrifuge at 3,000 rpm, for 2 min
5. Start Real-time PCR instrument and load it.
6. Program the PCR setting

Step	Condition	Cycle
Pre-Denaturation	94 °C, 5 min	1
Denaturation	95 °C, 10 sec	40
Annealing	58 °C, 25 sec	
Extension	72 °C, 30 sec	
Detection(Scan)		
Melting Analysis Step		1

7. Perform Data analysis.

☞ This recommended protocol can be modified to get the optimal results, based on used real-time PCR instrument and target DNA sequences.

Results: http://sirna.bioneer.co.kr/primer_libraries.jsp

Ordering Information & Related Products :

Cat # Description

Validated Real-time PCR Primer(Individual)

PHS-01 *AccuTarget*™ Human Real-Time PCR Primer Set (100rxns)

PHS-02 *AccuTarget*™ Human Real-Time PCR Primer Set (200rxns)

Validated Real-time PCR Primer Set

PHS-00F050 *AccuTarget*™ Human Real-Time PCR Primer Set(Genome Library)

PHS-001050 *AccuTarget*™ Human Antioxidant Real-Time PCR Primer Set

PHS-002050 *AccuTarget*™ Human Apoptosis Real-Time PCR Primer Set

PHS-003050 *AccuTarget*™ Human Cancer Real-Time PCR Primer Set

PHS-004050 *AccuTarget*™ Human Caspase Real-Time PCR Primer Set

PHS-005050 *AccuTarget*™ Human Cell cycle Real-Time PCR Primer Set

PHS-006050 *AccuTarget*™ Human Cyclase Real-Time PCR Primer Set

PHS-007050 *AccuTarget*™ Human Cytochrome Real-Time PCR Primer Set

PHS-008050 *AccuTarget*™ Human Deaminase Real-Time PCR Primer Set

PHS- *AccuTarget*™ Human GPCR Real-Time

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009050	PCR Primer Set
PHS-010050	<i>AccuTarget™</i> Human Helicase Real-Time PCR Primer Set
PHS-011050	<i>AccuTarget™</i> Human Isomerase Real-Time PCR Primer Set
PHS-012050	<i>AccuTarget™</i> Human Kinase Real-Time PCR Primer Set
PHS-013050	<i>AccuTarget™</i> Human Ligase Real-Time PCR Primer Set
PHS-014050	<i>AccuTarget™</i> Human Lyase Real-Time PCR Primer Set
PHS-015050	<i>AccuTarget™</i> Human Motor Real-Time PCR Primer Set
PHS-016050	<i>AccuTarget™</i> Human NF-κB Real-Time PCR Primer Set
PHS-017050	<i>AccuTarget™</i> Human Nucleic acid binding Real-Time PCR Primer Set
PHS-018050	<i>AccuTarget™</i> Human Oxidoreductase Real-Time PCR Primer Set
PHS-019050	<i>AccuTarget™</i> Human Peptidase Real-Time PCR Primer Set
PHS-020050	<i>AccuTarget™</i> Human Phosphatase Real-Time PCR Primer Set
PHS-021050	<i>AccuTarget™</i> Human Receptor Real-Time PCR Primer Set
PHS-022050	<i>AccuTarget™</i> Human Transferase Real-Time PCR Primer Set
PHS-023050	<i>AccuTarget™</i> Human Transporter Real-Time PCR Primer Set
PHS-024050	<i>AccuTarget™</i> Human Tubulin Real-Time PCR Primer Set
PHS-025050	<i>AccuTarget™</i> Human Ubiquitin Real-Time PCR Primer Set