



## Product Specification Summary

### RT-PCRmer™

|                |  |
|----------------|--|
| Catalog Number | 40-1025-10   |
| Product Name   | beta actin G Human RT-PCRmer™ (F4/R1) Exon 2-3; 10 nmols |
| Size           | 10 nmols   |
| Description    | Primer 1:Hum-B-actin F4                                  |
| Component/Note | Primer 2:B-actin H/M/R R1                                |
| Storage        | Store at -20°C   |

RT-PCRmer™ are primer pairs for specific amplification of cDNA.  $\beta$ -actin is ubiquitously expressed and serves as a positive control for northern and other expression studies. These are generally used as controls for measuring cDNA synthesis efficiency by reverse transcription and as controls for mRNA (cDNA) quantitative expression studies. The RT-PCRmer™ are supplied as a lyophilized powder in aliquots of 10 nmols. The 10 nmols of primer when dissolved in 500  $\mu$ l sterile water or TE will give a solution of 20  $\mu$ Molar i.e. 20 pmols/ $\mu$ l. The quantity supplied is sufficient for at least 400 regular 25  $\mu$ l PCR reaction\* for ethidium bromide stained visualization. The amplified product may also be detected by hybridization using Gene Link OligoProber™ that are specific probes directed to the amplified fragment. These are available with either a free 5' OH for 32P labeling or 5' biotinylated probe for non-radioactive detection. The product is supplied as a lyophilized powder, after reconstitution store at -20 °C. Oligo purity is greater than 98% as determined by denaturing polyacrylamide gel electrophoresis. Catalog No: 40-1025-10 Human beta actin B (F4/R1) Primer Position: Exon 2/Exon 3 cDNA amplified fragment size: 388 bp genomic DNA size: 940 bp

Scan the QR Code or visit the following links

Product Information

<http://www.genelink.com/geneprodsite/product.asp?p=16968>



Product Manual

<http://www.genelink.com/Literature/ps/M40-1001-10V3.1.pdf>



Product MSDS

<http://www.genelink.com/Literature/ps/MSDSNH.pdf>



## Related Products

| Product  | Catalog No | Size     |
|--|------------|----------|
| beta actin D Human RT-PCRmer™ (F2/R2) Exon 4-3' U; 10 nmols                  | 40-1023-10 | 10 nmols |
| beta actin G Human RT-PCRmer™ (F4/R1) Exon 2-3; 10 nmols                     | 40-1025-10 | 10 nmols |
| beta actin B Mouse RT-PCRmer (F2/R2) Exon 6-7; 10 nmols                      | 40-1014-10 | 10 nmols |
| beta actin F Human RT-PCRmer™ (F6/R2) 5' UTR- 3' ; 10 nmols                  | 40-1024-10 | 10 nmols |
| beta actin Human TaqMan Probe (F2/R3); Exon 5; 2 nmols                       | 40-1027-02 | 2 nmols  |
| beta actin Human Molecular Beacon Probe (F2/R3B) Exon 5; 2 nmols             | 40-1029-02 | 2 nmols  |
| Human beta actin MB RT-PCRmer™ for Molecular Beacon assay (F2/R3B); Exon 4-5 | 40-1028-10 | 10 nmol  |
| beta actin Human RT-PCRmer™ for Taqman (F2/R3); 10 nmols                     | 40-1026-10 | 10 nmols |
| beta actin B Human RT-PCRmer™ (F4/R3B) Exon 2-5; 10 nmols                    | 40-1021-10 | 10 nmols |
| beta actin C Human RT-PCRmer™ (F6/R1) 5'UTR-Exon ; 10 nmols                  | 40-1022-10 | 10 nmols |
| GAPDH B Human RT-PCRmer™ (F2/R2) RT-PCRmer; 10 nmols                         | 40-1006-10 | 10 nmols |
| GAPDH C Human RT-PCRmer™ (F1/R2) Exon 2-7; 10 nmols                          | 40-1007-10 | 10 nmols |
| GAPDH D Human RT-PCRmer™ (F1/R3) Exon 2-9; 10 nmols                          | 40-1008-10 | 10 nmols |
| beta2 microglobulin Human RT-PCRmer ; 10 nmols                               | 40-1004-10 | 10 nmols |
| Beta actin control PCR mix (human & Rat); 10 nmols                           | 40-1002-10 | 10 nmols |