Product Specification Summary

RT-PCRmer™

Catalog Number	40-1021-10
Product Name	beta actin B Human RT-PCRmer™ (F4/R3B) Exon 2-5; 10 nmols
Size	10 nmols
Description	Beta actin Primer Pair B
Component/Note	Fragment B Size 860 bp
Component/Note	Hu-BA F4/Hu-BA R3B

RT-PCRmerTM are primer pairs for specific amplification of cDNA. ß-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-PCRmerTM are supplied as a lyophilized powder in aliquots of 10 nmols. The 10 nmols of primer when dissolved in 500 µl sterile water or TE will give a solution of 20 µMolar i.e. 20 pmols/µl. The quantity supplied is sufficient for at least 400 regular 25 µl PCR reaction* for ethidium bromide stained visualization. The amplified product may also be detected by hybridization using Gene Link OligoProberTM 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 oC. Oligo purity is greater than 98% as determined by denaturing polyacrylamide gel electrophoresis. Human beta actin B (F4/R3B) Primer Position: Exon 2/ Exon 5 cDNA amplified fragment size: 860 bp genomic DNA size: 1507 bp

Scan the QR Code or visit the following links

Product Infomation http://www.genelink.com/geneprodsite/product.asp?p=16964

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