Product Specification Summary

Fluorescent Molecular Probes

Catalog Number	26-8124-03
Product Name	Fluorescent Probe, 5'-Cy5/3'-Quencher; 80 nmols purified yield
Size	80 nmols
Description	Fluorphore-Quencher Probe, 5'-Cy 5/3'-Quencher; 80 nmols purified yield
Component/Note	Fluorescent Probe, 5'-Cy5/3'-Quencher; 80 nmols purified yield

Fluorescent dyes are routinely used in oligonucleotide-based research as detection labels for primers and probes. Dual-labeled probes incorporating various matched dye and quencher combinations are often indispensable for quantitative experiments. Fluorescence-based detection offers a safe and sensitive method for both qualitative and quantitative detection of target sequences in vitro and in vivo. The elegant design of the newer probes has led to an exponential increase in the use of molecular probes, furthering new developments.
Single-dye-labeled oligos are effective as primers for sequencing, AFLP and microsatellite fragment analysis, and single-dye-labeled probes for fluorescent in situ hybridization (FISH) and oligonucleotide ligation assay (OLA) applications. Dual-labeled probes incorporating various matched dye and quencher combinations are often indispensable for quantitative experiments. Fluorescence-based detection offers a safe and sensitive method for both qualitative and quantitative detection of target sequences in vitro and in vivo. The elegant design of the newer probes has led to an exponential increase in the use of molecular probes, furthering new developments. Gene Link offers synthesis of all different forms of molecular probes and knowledgeable technical service in the design of novel probes, including chimerics.

Scan the QR Code or visit the following links

Product Infomation http://www.genelink.com/geneprodsite/product.asp?p=17441

Product Manual http://www.genelink.com/Literature/ps/Fluorescent_oligo_recons_V3.2.pdf

Product MSDS http://www.genelink.com/Literature/ps/MSDSNH.pdf

Related Products

Product	Catalog No	Size
SmartBase™ Fluorescent Molecular Probes	SB-FMP	1 each
QPCR_Manual	M_QPCR	1 each
Fluorescent Probe, 5'-Fam/3'-Quencher, 600 nmol purified yield	26-8121-10	600 nmols
Fluorescent Probe, 5'-Fam/3'-Quencher, 900 nmol purified yield	26-8121-15	900 nmols
Fluorescent Probe 5'-CAL Orange 560/3'-Quencher 600 nmol purified yield	26-8142-10	600 nmols
Fluorescent Probe 5'-CAL Orange 560/3'-Quencher 900 nmol purified yield	26-8142-15	900 nmols
Fluorescent Probe 5'-CAL Red 610/3'-Quencher 900 nmol purified yield	26-8141-15	900 nmols
Fluorescent Probe 5'-CAL Red 610/3'-Quencher; 600 nmol purified yield	26-8141-10	600 nmols
Fluorescent Probe, 5'-Quaser 670/Quencher. 500 nmol purified yield	26-8134-10	500 nmols
Fluorescent Probe, 5'-Quaser 670/Quencher. 750 nmol purified yield	26-8134-15	750 nmols
Fluorescent Probe, 5'-Fam/3'-Quencher; 120 nmol purified yield	26-8121-03	120 nmols
Fluorescent Probe, 5'-Quaser 670/Quencher. 80 nmol purified yield	26-8134-03	80 nmols
Fluorescent Probe, 5'-CAL Red 610/Quencher; 120 nmols purified yield	26-8141-03	120 nmols
Fluorescent Probe, 5'-CAL Orange 560/Quencher; 120 nmol yield	26-8142-03	120 nmols
Fluorescent Probe, 5'-Hex/3'-Quencher; 50 nmols purified yield	26-8122-01	50 nmols