# Product Specification Summary

## Fluorescent Molecular Probes

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|---|---|
| Catalog Number | 26-8142-01 |
| Product Name | Fluorescent Probe, 5'-CAL Orange 560/Quencher; 60 nmol purified yield |
| Size | 60 nmols |
| Description | Fluorophore-Quencher Probe, 5'-CAL Orange 560/Quencher; 60 nmol purified yield |
| Component/Note | Fluorescent Probe, 5'-CAL Orange 560/Quencher; 60 nmol 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=17436

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 |