

# Product Specification Summary

## Fluorescent Molecular Probes

Catalog Number	26-8121-01
Product Name	5'-Fam/3'-Quencher 1 umol scale; 60 nmol yield
Size	60 nmol
Description	5'-Fam/3'-Quencher 1 umol scale; 60 nmol yield
Component/Note	Custom oligo with 3'-Quencher
Component/Note	Custom oligo with 5' Fam
Storage	-20

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 Information <http://www.genelink.com/geneprodsite/product.asp?p=17388>

Product Manual  [http://www.genelink.com/Literature/ps/Control\\_RT\\_Probes\\_Manual\\_V2.3.pdf](http://www.genelink.com/Literature/ps/Control_RT_Probes_Manual_V2.3.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
5'-Fam/3'-Quencher 10 umol scale; 600 nmol yield	26-8121-10	600 nmols
5'-Fam/3'-Quencher 15 umol scale; 900 nmol yield	26-8121-15	900 nmols
5'-CAL Orange 560/3'-Quencher 10 umol scale; 600 nmol yield	26-8142-10	600 nmols
5'-CAL Orange 560/3'-Quencher 15 umol scale; 900 nmol yield	26-8142-15	900 nmols
5'-CAL Red 610/3'-Quencher 15 umol scale; 900 nmol yield	26-8141-15	900 nmols
5'-CAL Red 610/3'-Quencher 10 umol scale; 600 nmol yield	26-8141-10	600 nmols
5'-Quaser 670/3'-Quencher 10 umol scale; 600 nmol yield	26-8134-10	600 nmols
5'-Quaser 670/3'-Quencher 15 umol scale; 900 nmol yield	26-8134-15	900 nmols
Fluorophore-Quencher Probe, 5'-Fam/3'-Quencher; 120 nmol yield	26-8121-03	120 nmols
Fluorophore-Quencher Probe, 5'-Quaser 670/Quencher. 120 nmol yield	26-8134-03	120 nmols
Fluorophore-Quencher Probe, 5'-CAL Red 610/Quencher; 120 nmols	26-8141-03	120 nmols
Fluorophore-Quencher Probe, 5'-CAL Orange 560/Quencher; 120 nmol yield	26-8142-03	120 nmols
Fluorophore-Quencher Probe, 5'-Hex/3'-Quencher; 60 nmols yield	26-8122-01	60 nmols