

# Product Specification Summary

## Fluorescent Molecular Probes

Catalog Number	SB-FMP
Product Name	SmartBase™ Fluorescent Molecular Probes
Size	1 each
Description	SmartBase™ Fluorescent Molecular Probes

Gene Link presents various design options for synthesizing effective and enhanced performing probes using modified bases. SmartBase™ Fluorescent Molecular Probes can be synthesized in a predetermined way to exhibit the features that is desired; for instance to increase duplex stability 2'-fluoro C and U bases and 5-methyl dC and 2-Amino dA can be substituted, for nuclease resistance the phosphodiester linkages can be selectively substituted with phosphorothioate and for cellular delivery we may add cholesterol to the synthetic oligonucleotide sequence or modify with thiol or amine for post synthesis conjugation with Cell Penetrating Peptides (CPP's) that are known to aid transport and facilitate cellular uptake.

Scan the QR Code or visit the following links

Product Information

<http://www.genelink.com/geneprodsite/product.asp?p=17143>



Product Manual

[http://www.genelink.com/Literature/ps/SmartBase\\_probes\\_V1.1.pdf](http://www.genelink.com/Literature/ps/SmartBase_probes_V1.1.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