

# 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\\_V3.2.pdf](http://www.genelink.com/Literature/ps/SmartBase_probes_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