

| OLIGO NAME                          | REF#  | CHEMISTRY | BASES               |        |
|-------------------------------------|---|-----------|---------------------|--------|
| EGFP-C                              | UN-PR040-005  | DNA       | 22                  |        |
| <b>SEQUENCE (5' → 3')</b>           |   |           |                     |        |
| 5' CAT-GGT-CCT-GCT-GGA-GTT-CGT-G 3' |   |           |                     |        |
| <b>BACKBONE (BASES + LINKAGES)</b>  |   |           |                     |        |
| A                                   | 2 GC (%) <sup>1</sup>   | 59.1      | Quantity (OD@260nm) | 1.00   |
| C                                   | 5 MW (g.mol <sup>-1</sup> ) <sup>1</sup>                            | 6773.4    | (nmol)              | 5.0    |
| G                                   | 8 Ext. coeff. (l.mol <sup>-1</sup> .cm <sup>-1</sup> ) <sup>1</sup> | 201400    | (µg)                | 33.9   |
| T                                   | 7 Tm (°C) <sup>1</sup>  | 53.5      |                     |        |
| Wobbles                             | 0   |           |                     |        |
| <sup>1</sup> Theoretical values     |   |           |                     |        |
| <b>PURIFICATION(S)</b>              |   |           |                     |        |
| HPLC-RP                             |   |           |                     |        |
| <b>QUALITY CONTROL(S)</b>           |   |           |                     |        |
| MS - CGE                            |   |           |                     | Passed |

| DELIVERY CONDITION   |
|--|
| Room Temperature   |
| RECONSTITUTION   |
| To make up to 100 µM concentration, add 50 µl of recommended buffer.<br>To make up to 20 µM concentration, add 250 µl of recommended buffer.<br>To make up to 5 µM concentration, add 1000 µl of recommended buffer. |
| LONG TERM STORAGE  |
| -20 °C   |

| COMMENTS   |  |
|--|--|
| General: Tm (°C) calculated with 50 mM NaCl and 0 % formamide (PCR conditions)<br>Specific:  |  |
| TECHNICAL SUPPORT  |  |
| If you have any questions feel free to call our Oligo Centre   |  |
| <b>EUROPE</b>  | <b>NORTH AMERICA</b>   |
| ☎ 00 800 666 00 123 (European toll free number),<br>✉ <a href="mailto:oligo@eurogentec.com">oligo@eurogentec.com</a>   | ☎ +1 (510) 896-1350<br>✉ <a href="mailto:oligo.na@egt-biotech.com">oligo.na@egt-biotech.com</a>  |
| Kaneka Eurogentec S.A. Liège Science Park<br>Rue Bois Saint-Jean 5 - 4102 SERAING BELGIUM<br>Tel: +32(0)4 372 74 00 - Fax: +32(0)4 264 07 88<br>E-mail: <a href="mailto:info@eurogentec.com">info@eurogentec.com</a> Web: <a href="http://www.eurogentec.com">www.eurogentec.com</a> | EGT North America, Inc.<br>34801 Campus Drive - Fremont, CA 94555<br>Tel.: +1 (510) 896 -1350 * Fax: +1 (510) 791-9572<br>E-mail: <a href="mailto:ivd.na@egt-biotech.com">ivd.na@egt-biotech.com</a> * Web: <a href="http://www.egt-biotech.com">www.egt-biotech.com</a> |
| RPM Liège T.V.A.-(BE)-0427.348.346 - ING Belgique Bank - IBAN: BE86 3400 2118 6050<br>BIC: BBRUBEBB  |  |