

28-May-2022

Sales Order Number **18570297**

Customer Name - Kathryn Ramsey

Reference Number **407102336**

Name - pdpAUR_Nluc

gBlocks® Gene Fragments 598 base pairs

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5' - GTC GAC TAA TAC GAC TCA CTA TAG GAG TTA TGT TCT AAT TAA GTA GAC AAT GAT AGC AGT AAA AGA TGC
GGG TGT TTT CAC CCT GGA AGA CTT CGT TGG TGA CTG GCG TCA GAC CGC GGG TTA CAA CCT GGA CCA GGT TCT
GGA ACA GGG TGG TGT TTC TTC TCT GTT CCA GAA CCT GGG TGT TTC TGT TAC CCC GAT CCA GCG TAT CGT TCT
GTC TGG TGA AAA CGG TCT GAA AAT CGA CAT CCA CGT TAT CAT CCC GTA CGA AGG TCT GTC TGG TGA CCA GAT
GGG TCA GAT CGA AAA AAT CTT CAA AGT TGT TTA CCC GGT TGA CGA CCA CCA CTT CAA AGT TAT CCT GCA CTA
CGG TAC CCT GGT TAT CGA CGG TGT TAC CCC GAA CAT GAT CGA CTA CTT CGG TCG TCC GTA CGA AGG TAT CGC
GGT TTT CGA CGG TAA AAA AAT CAC CGT TAC CGG TAC CCT GTG GAA CGG TAA CAA AAT CAT CGA CGA ACG TCT
GAT CAA CCC GGA CGG TTC TCT GCT GTT CCG TGT TAC CAT CAA CGG TGT TAC CGG TTG GCG TCT GTG CGA ACG
TAT CCT GGC GAC CGG TTA ACA GCT G -3'
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Note 1: The sequence information of the sense strand displayed above is intentionally truncated to the first 1,200 bases. The complete sequence can be verified in FASTA format in your order history.

Note 2: gBlocks® Gene Fragments are delivered as double-stranded DNA. Conformance to quality standards is established in multiple ways, including size verification by capillary electrophoresis and sequence identification by mass spectrometry.

Properties

Length: 598
Amount Delivered: 500ng
GC Content: 49.5%
Molecular Weight: 369376.4
fmol/ng: 2.71
µg/OD₂₆₀: 50
Normalization 500ng = 1353fmol, dried

Instructions

Dried contents may appear as either a translucent film or a white powder. This variance does not affect the quality of the gBlocks® Gene Fragments.

Resuspending your gBlocks® Gene Fragments

1. Prior to opening, centrifuge the tube at a minimum of 3000 x g to ensure that the material is at the bottom of the tube.
2. Add TE to reach a final concentration of 10ng/µL.
3. Vortex briefly.
4. Incubate at 50°C for 20 minutes.
5. Briefly vortex and centrifuge.

Amplifying your gBlocks® Gene Fragments

- For gBlocks® Gene Fragments ≤1kb, amplification can be performed using a high fidelity polymerase. To avoid sequence mutations due to amplification errors limit cycles to 12 or fewer.
- For gBlocks® Gene Fragments >1kb, we do not recommend amplification.

For additional information please see www.idtdna.com/gblockssupport or contact genes@idtdna.com

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gBlocks® Gene Fragments
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500ng = 1353fmol, dried

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