

19-May-2022

Sales Order Number **18548761**

Customer Name - Kathryn Ramsey

Reference Number **406279230**

Name - Tn\_InSeqA

gBlocks® Gene Fragments 210 base pairs

```
5' - ATC TCC GGG CAT AAA GGT AGC TCC TGG TAC CTA ACA GGT TGG ATG ATA AGT CCC CGG TCT TCG TAA TCT
CGT ATG CCG TCT TCT GCT TGG CGC GCC CTC GAG CAA TTA TCC AAT TGT ATA CCC TTC AAG CTT TGA AAA ATA
AAC TTA ATT ATT ATA TAT GTT ATT TAG CTA GTT TTT TTA ATT AAC GTA CGA ACG CTG GAT TCA TCG TCA -3'
```

**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: 210  
Amount Delivered: 250ng  
GC Content: 40.48%  
Molecular Weight: 129615  
fmol/ng: 7.72  
µg/OD<sub>260</sub>: 50  
Normalization: 250ng = 1928fmol, 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](http://www.idtdna.com/gblockssupport) or contact [genes@idtdna.com](mailto:genes@idtdna.com)

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