



Micrococcus flavus Genomic DNA

Cat. No.: LBGF-0925-GF1810

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product contains high-quality, intact genomic DNA isolated from <i>Micrococcus flavus</i> G genomic DNA. It is a purified and ready-to-use DNA sample, ideal for a wide range of molecular biology applications, including PCR, qPCR, and Next-Generation Sequencing.
Target	<i>Micrococcus</i> DNA
Derived From	<i>Micrococcus flavus</i>
Format	Lyophilized powder
Product Type	Purified Microbial Genomic DNA
Size	5 µg
DNA Concentration	Lot-Specific Data. These actual results will be clearly detailed on the Certificate of Analysis (CoA) included with your shipment.
Purity (A260/A280)	Lot-Specific Data These actual results will be clearly detailed on the Certificate of Analysis (CoA) included with your shipment.
Biosafety Level	Purified genomic DNA is considered non-infectious and can be handled at BSL-1.
Storage	2-8°C
Shipping Conditions	Ambient temperature

Shelf Life	12 Months
Applications	<ol style="list-style-type: none">1. Genomic Research and Sequencing.2. PCR-based Detection and Quantification.3. Quality Control and Assay Validation.4. Gene Cloning and Expression.
Handling Procedure (Reconstitution)	<ol style="list-style-type: none">1. Centrifuge the product tube at 12,000 rpm for 1 min.2. Carefully add the required volume of sterile, nuclease-free ultrapure water.3. Vortex the tube to ensure the product is fully dissolved.4. To prevent degradation from repeated freeze-thaw cycles and to ensure long-term integrity, we recommend creating multiple single-use aliquots immediately after reconstitution. Store aliquots at -20°C for long-term storage. For immediate use, an aliquot may be stored at 4°C for up to 4 weeks.
Key Features	<ol style="list-style-type: none">1. High-quality genomic DNA from an authenticated microbial strain.2. High purity and integrity, suitable for a range of applications.3. Specific concentration and total amount.
Key Precautions	<ol style="list-style-type: none">1. Avoid repeated freeze-thaw cycles.2. Use nuclease-free water and labware.3. For best long-term results, use a buffer.