Salmon Sperm DNA Ready-to-Use Solution (Packaged 5 x 5 mg) - MB-103-0025

Code: MB-103-0025  Size: 5 x 5 mg

Product Description: Salmon Sperm DNA Ready-to-Use Solution (Packaged 5 x 5 mg) - MB-103-0025

Concentration: 5.0 mg/mL by UV absorbance at 260 nm

Physical State: Liquid

Label: Unconjugated

Buffer: 0.01 M Tris Chloride, 0.001 M EDTA, pH 7.6

Stabilizer: None

Preservative: None

Storage Condition: Store vial at -20° C upon receipt. Expiration date is six (6) months from date of opening vial.

Synonyms: Salmon Sperm DNA, salmon testes DNA, single strand salmon sperm DNA, Salmon DNA, Salmon Sperm DNA Solution

Background: Prepared by a modification of the method of Emanuel and Chaikoff, JBC 203, 164 (1953) from salmon testes DNA by mechanical shearing and heat denaturation to an average size of 100 to 200 base pairs. To reverse any renaturation occurring during storage, this material should be briefly boiled and rapidly chilled prior to use.

>75% native nucleic acid.

Application Note: This product is a convenient, ready-to-use solution of salmon sperm DNA especially prepared for use in the preparation of pre-hybridization and hybridization solutions and as a DNA carrier in yeast transformation protocols and other related methods. This solution contains sheared single-stranded DNA molecules that can be used to block the non-specific attachment of probe DNA to the surface of a membrane (Southern) or to increase yeast transformation efficiency.

Purity and Specificity: A260/A280: 1.85

% Hyperchromocity: 30.5

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Specific Reference: - Efferocytosis induces macrophage proliferation to help resolve tissue injury.;2021;Cell Metab.;Gerlach BD et al.

Disclaimer: This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

Related Products:

200-301-268  Anti-AKT pS473 (MOUSE) Monoclonal Antibody - 200-301-268

610-4302  Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302

611-1302  Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302

B304  NORMAL GOAT SERUM (NGS) - B304

MB-020  50X Tris-Acetate-EDTA (TAE) (2.0 M Tris-Acetate 0.05 M EDTA pH 8.3) - MB-020

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