Creative Enzymes®

Deoxyribonucleic Acid (Polydeoxyribonudeotide, PDRN)

Cat. No. CEFX-066

Lot. No. (See product label)

Introduction

Description	Polydeoxyribonucleotide (PDRN) is a biological product derived from the testes of male salmon, and it plays a crucial role in tissue regeneration and healing processes. PDRN is extracted from male salmon testes through a multi-step process: First, the testes are physically separated and dissolved. Then, proteases are used to enzymatically break down the DNA into short nucleotide fragments. The mixture is purified by filtration and centrifugation to remove impurities, followed by concentration to obtain a high-concentration solution. The solution is freeze-dried to produce a solid PDRN powder, which is then packaged in airtight containers and stored in a low-temperature, dry environment to maintain stability.
Applications	Pharmaceuticals: Tissue Regeneration Corneal Regeneration Musculoskeletal Therapy Cardiovascular and Cerebrovascular Treatment Medical Devices: Skin Regeneration Promoting Bone Regeneration Articular Cartilage Regeneration Diabetic Foot Ulcer Treatment Cosmetics: Wrinkle Improvement Anti-Aging Regeneration Stretch Mark Repair Whitening and Freckle Removal Food: Improving Digestion Boosting Immunity Delaying Aging

Product Information

Source	Male Salmon Testes
Appearance	White, off-white or yellowish, powdery or fibrous solid
CAS No.	68938-01-2

Usage and Packaging

Package	20g/50g

Storage and Shipping Information

Storage	Store in a cool, ventilated and dry place, avoid direct sunlight.