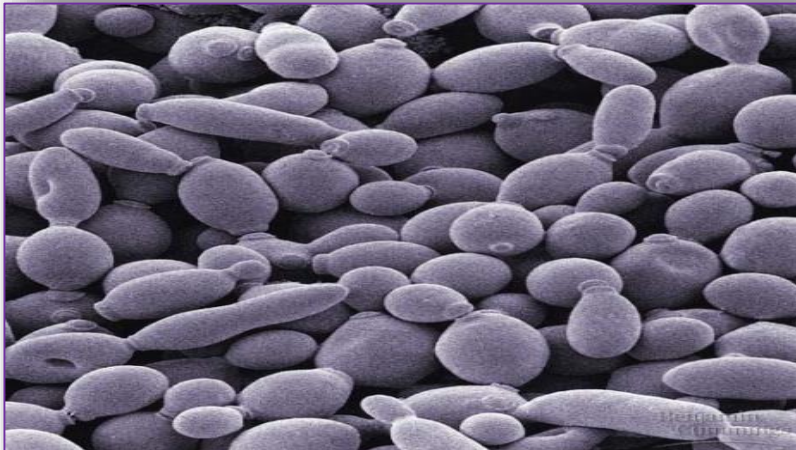
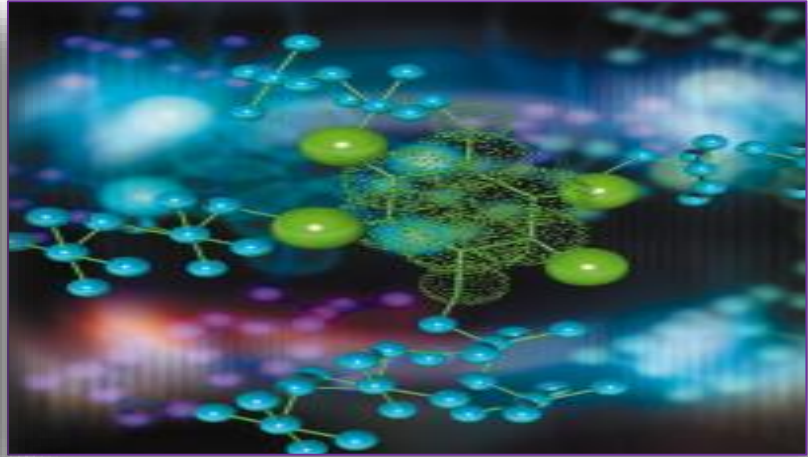
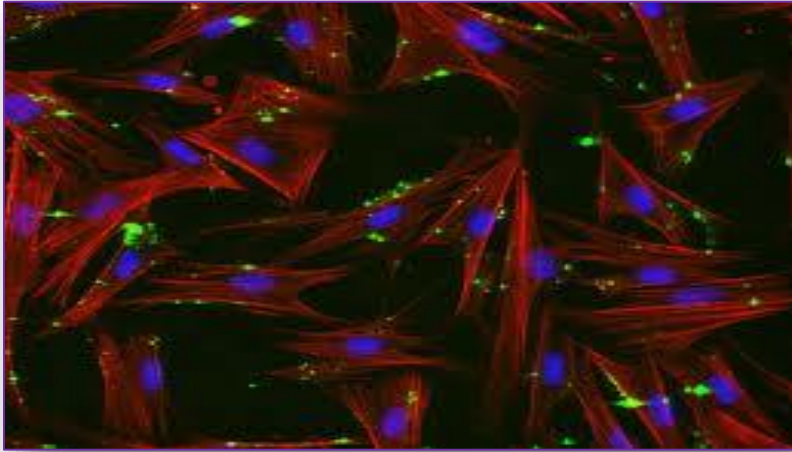


AC DermPeptide Revitalizing PF

ATP Synthesis, Cellular Proliferation, Cellular Revitalization, Moisturization



Tomorrow's Vision... *Today!*[®]



AC DermaPeptide Revitalizing PF



*20454PF – AC DermaPeptide Revitalizing PF

Product Code: 20454PF

INCI Name: Hydrolyzed Rice Protein

INCI Status: Conforms

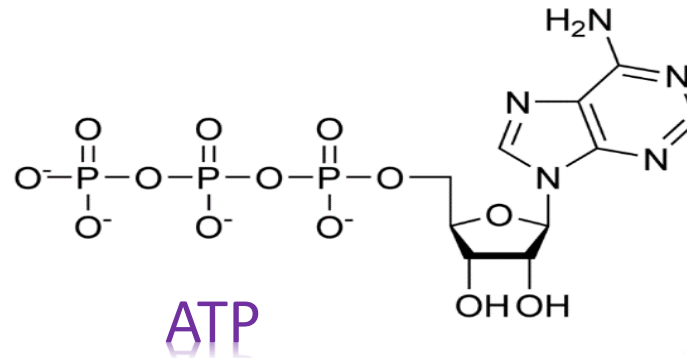
Suggested Use Level: 1.0 - 4.0%

Suggested Applications: ATP Synthesis, Cellular Proliferation, Cellular Revitalization

The Skin

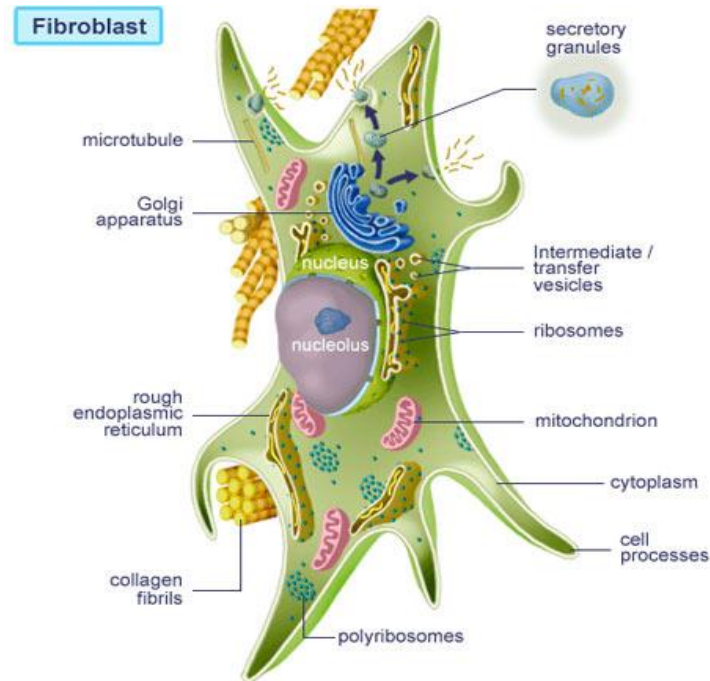


- Overtime the rate of cellular proliferation decreases
- Metabolic function slows
- Signs of physical damage become more apparent
- Increase in ATP Synthesis = Increase in cellular metabolism
- Revitalize the Skin!



Fibroblasts

- Connective tissue cells
 - Secrete Collagen
 - Maintain the health of skin
- Roles in:
 - ✓ Moisturization
 - ✓ Wound Healing
 - ✓ Cell Revitalization



Peptides

- The building blocks of life!
- Biological compounds made up of amino acids (2-50)
- Distinguished from proteins on the basis of size
 - Smaller (dipeptides, tripeptides, etc.)
 - Maintain the health of the skin
- Roles in:
 - ✓ Moisturization
 - ✓ Wound Healing
 - ✓ Cell Revitalization
 - ✓ Keratin & Collagen formation – structural support



AC DermaPeptide Revitalizing PF



- Developed from rice proteins
- Rice proteins
 - Small Molecules - <1400Da
- Functionally Active compared to amino acids
- Benefits:
 - ✓ **Increase in Cellular Metabolism**
 - ✓ Collagen Synthesis
 - ✓ Reduction in Wrinkles
 - ✓ Smoothing
 - ✓ Toning
 - ✓ ATP Synthesis
 - ✓ Cell Proliferation & Revitalization

In- vitro Efficacy

Increase in ATP Synthesis

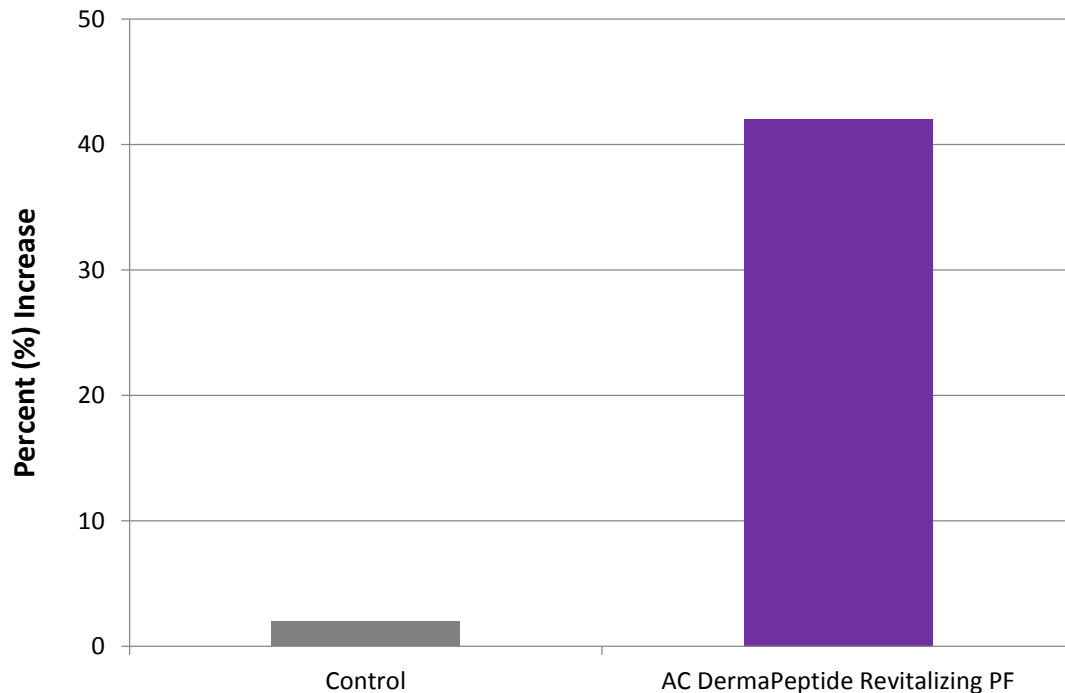


Figure 1: Increased levels of ATP Synthesis due to the application of **AC DermaPeptide Revitalizing PF**.

Protocol

- Human fibroblast cells were grown in a control medium & a medium with 2% **AC DermaPeptide Revitalizing PF**
- The cells were assayed with a luminescence kit to determine intracellular levels of ATP.
- ATP is indicative of cellular metabolism
- **AC DermaPeptide Revitalizing PF** showed an increase in ATP Synthesis

In- vitro Efficacy

Fibroblast Revitalization after UV Damage

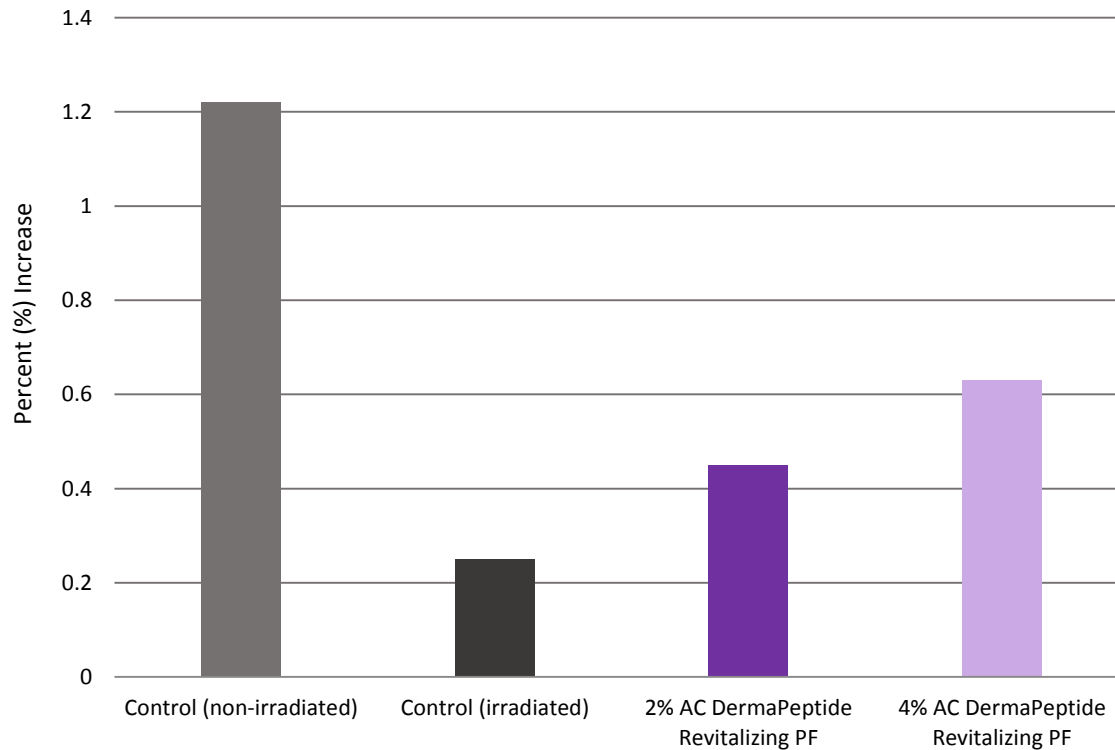


Figure 2: Cellular Revitalization after damage following application of **AC DermaPeptide Revitalizing PF**.

Protocol

- To determine the supplemental effects on fibroblast growth
- **AC DermaPeptide Revitalizing PF** was compared to controls (non-irradiated & irradiated)
- A higher absorbance level represents more existing fibroblast cells = higher level of cellular migration & proliferation
- **AC DermaPeptide Revitalizing PF** showed a significant increase in cellular proliferation

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Suggested Applications: ATP Synthesis, Cellular Proliferation, Cellular Revitalization

ACTIVE CONCEPTS LLC



THANK YOU