INNOVATIVE ANTI-AGING GLYCOPEPTIDE TO PROTECT SKIN FROM STRESS

创新抗衰老糖肽，保护肌肤免受应激

Up-regulates antioxidant SOD2 gene
正调节抗氧化SOD2基因

Patent WO2015140178
专利 WO2015140178

Project supported by J. M. and F. Cousteau and Explore Green
项目得到尚·米榭·库斯托 和法比恩·库斯托 以及 Explore Green公司的支持

SBM-TFC-1165

Protects fibroblasts from environmental stressors (UV, starvation, H^2O^2)
保护成纤维细胞免受环境应激（紫外线、饥饿、过氧化氢）

Stimulates Nrf2-dependent antioxidant enzymes
刺激Nrf2依赖性抗氧化酶

Glyco Amino Acid (1 sugar + 3 amino acids)
糖原性氨基酸（1个糖 + 3个氨基酸）

SBM-TFC-1165 : Improves skin resistance to environmental stress

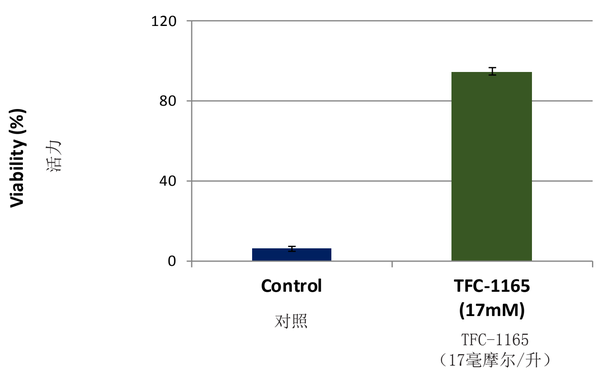
提高肌肤对环境应激的抵抗力

SBM-TFC-1165, a small mimic of antifreeze glycoproteins, protects the fibroblasts from various stressors, including starvation, UV irradiation and oxidation.

SBM-TFC-1165是一种防冻糖蛋白的小型模拟产品，可保护成纤维细胞免受各种应激因素的影响，包括饥饿、紫外线照射和氧化。

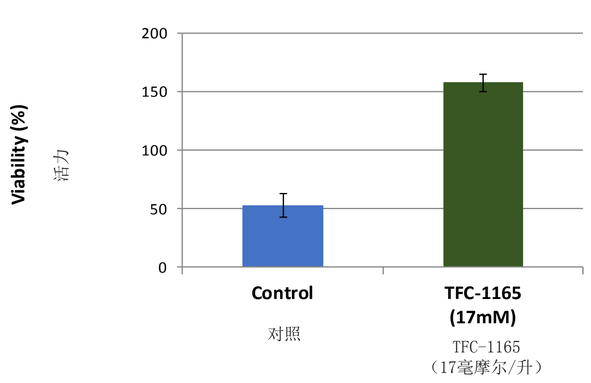
Viability of skin fibroblasts 24h after UVA irradiation (11 J/cm²)

UVA紫外线照射24小时后肌肤的成纤维细胞活力（11焦耳/平方厘米）



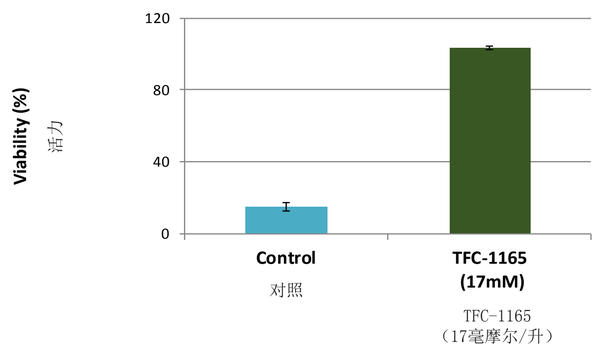
Viability of skin fibroblasts after 24h under oxidative stress (H_2O_2, 100µM)

氧化应激（过氧化氢，100微摩尔/升）24小时后肌肤的成纤维细胞活力



Viability of skin fibroblasts after 7 days under starvation conditions

在饥饿条件下7天后肌肤的成纤维细胞活力



SBM-TFC-1165 represents an amazing breakthrough to fight environmental aging

SBM-TFC-1165代表了对抗环境性衰老的惊人突破

An in-vitro safety study has been done and compound SBM-TFC-1165 showed no issues in genotoxicity, skin irritation, phototoxicity nor ocular tolerability assays (data not shown).

已完成体外安全性研究，化合物SBM-TFC-1165在基因毒性、皮肤刺激、光毒性和眼睛耐受性测定中都没有显示出问题（数据未显示）。

Sirona Biochem : Vancouver, BC, CANADA V7X 1L4 - 1-604-641-4466 - www.sironabiochem.com
TFChem : Val de Reuil, FRANCE - +332-32-09-01-16 - www.tfchemistry.com