

## High-Potency Sulforaphane Powder

Cat. No. EXTZ-753

Lot. No. (See product label)

### ***Introduction***

### ***Description***

Nrf2 is a core regulator of cellular homeostasis, expressed in nearly all human tissues, that activates over 500 cytoprotective genes involved in critical biological processes including antioxidant defense, detoxification, anti-inflammation, immune modulation, and protein degradation. Studies have shown that sulforaphane is the most potent Nrf2 inducer found to date in edible plants, and supplementation can systemically enhance the body's defense capabilities, slow aging, and reduce the risk of chronic diseases. Broccoli seeds are rich in the sulforaphane precursor glucoraphanin, but aqueous extracts require conversion by gut microbiota to produce active sulforaphane—a process characterized by low efficiency and significant individual variation, making health benefits difficult to guarantee. This product employs proprietary technology that enhances glucoraphanin's in vitro stability while dramatically improving in vivo conversion efficiency up to 55.8%, representing the optimal solution for next-generation, highly effective sulforaphane supplementation.

### ***Product Information***

#### **Form**

Brownish-yellow powder