

OptiBroc®



Advanced Broccoli Seed Extract Standardized to Glucoraphanin*

SUPPORTS:

- Cellular detoxification*
- Antioxidant defense*
- Healthy inflammatory response*
- Nrf2 pathway activation*
- Liver health and detox enzyme production*
- Longevity and healthy aging*

FEATURES:

- Standardized to $\geq 13\%$ Glucoraphanin
- Derived from non-GMO broccoli seeds
- Highly stable and bioavailable
- Water-dispersible fine powder

INGREDIENTS:

- Broccoli Seed Extract
 (Brassica oleracea var. italica)

Glucoraphanin for Cellular Defense, Detoxification & Inflammatory Balance*

OptiBroc® is a next-generation broccoli seed extract standardized to $\geq 13\%$ glucoraphanin—a sulfur-containing phytonutrient that supports the body's natural antioxidant and detoxification systems.* Derived from non-GMO broccoli seeds, OptiBroc® provides a highly stable, water-dispersible form of glucoraphanin that meets the growing demand for plant-based, science-backed wellness ingredients.

People are unable to consume glucoraphanin in its optimal form, thereby necessitating the need for the biologically active form. The body may supplement this through the gut, inducing myrosinase-like activity to convert it into sulforaphane, which is the byproduct that supports all the clinical substantiation.

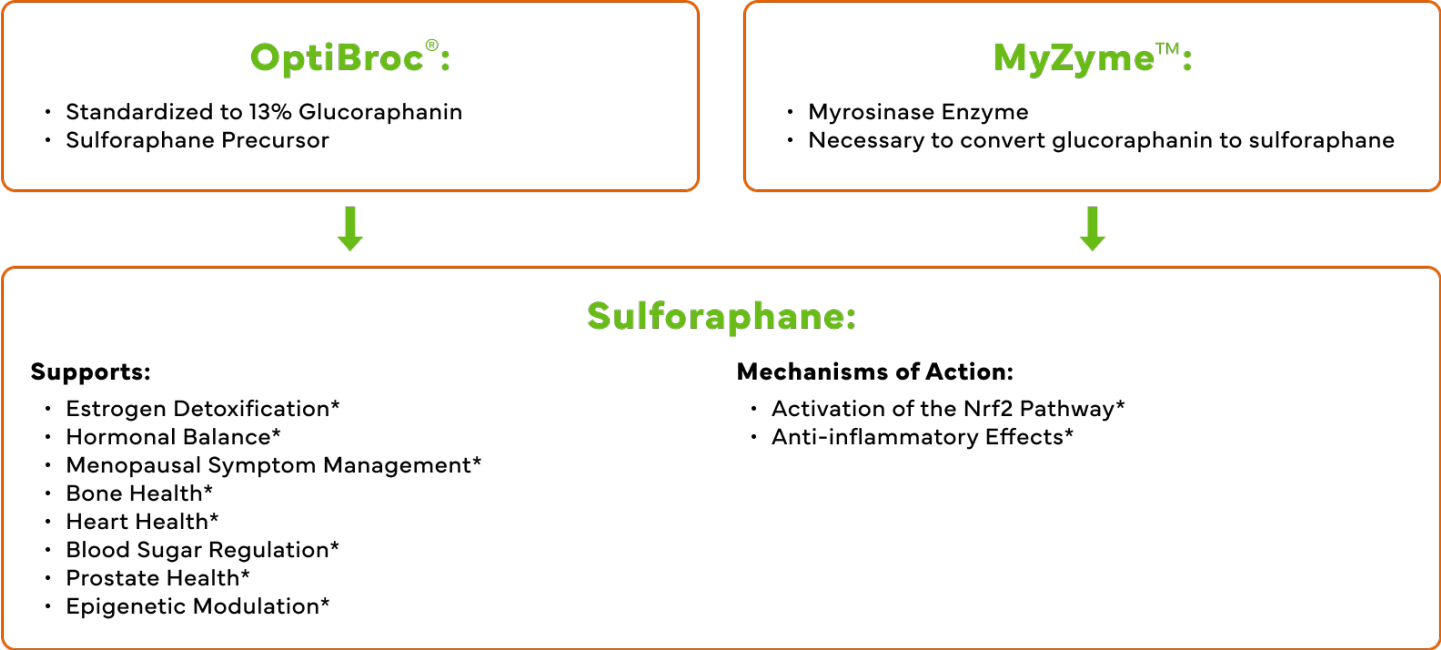
Myrosinase activity also occurs in the gut microflora. If glucoraphanin is consumed on its own, the gut microflora will convert a portion of it to sulforaphane.

Glucoraphanin is a biologically inactive precursor that converts to sulforaphane—an extensively studied compound known to activate the Nrf2 pathway.* This pathway regulates the expression of antioxidant and phase II detoxification enzymes, which help protect cells from oxidative stress and assist in the elimination of environmental and metabolic toxins.* Sulforaphane has also been shown to help maintain a healthy inflammatory response, supporting joint comfort, brain health, and liver function.*

By enhancing cellular resilience and promoting the body's innate defense systems, OptiBroc® supports healthy aging and overall vitality.* It is ideal for formulations focused on detox, daily cellular maintenance, and foundational wellness.

OptiBroc® is free from gluten, GMOs, allergens, and animal derivatives, and is suitable for a wide range of delivery systems, including capsules, tablets, soft chews, stick packs, and ready-to-drink beverages.

METABOLIC CONVERSION OF GLUCORAPHANIN TO SULFORAPHANE



Sulforaphane - Mechanisms of Action

Sulforaphane has been shown to have several health benefits thanks to its action on various components of the body:

Antioxidant Activity

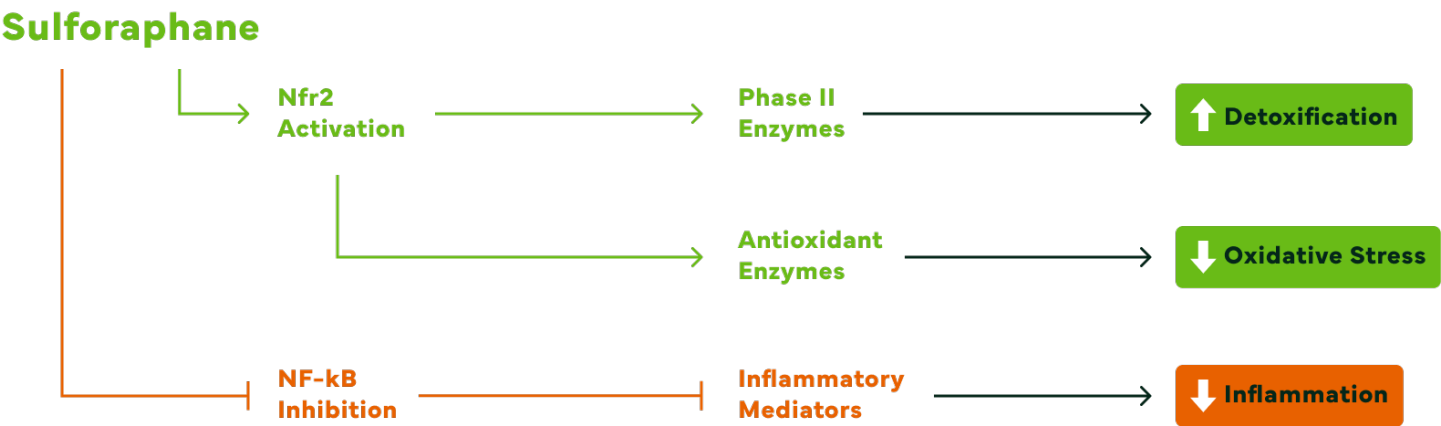
Sulforaphane is a strong indirect antioxidant thanks to the activation of Nrf2 expression

Anti-Inflammatory Activity

Sulforaphane reduces inflammation by inducing NF-kB inhibition and Nrf2 expression

Cellular Protection

Sulforaphane exhibits epigenetic activity that impacts DNA methylation and histone acetylation. Certain genes can be regulated by sulforaphane to enhance cellular protection



*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

SUGGESTED USE:

- Suggested serving of 200 mg, delivering 26 mg of glucoraphanin.
- Co-formulation with myrosinase may enhance the body's ability to convert glucoraphanin into active sulforaphane.*

AVAILABLE IN:

- 25kg pack size

APPLICATIONS:



Multi-serve Powder



Tablets



Capsules



Soft Chews



Gummies

CATEGORIES:



Detox



Antioxidants



Longevity



Inflammation support



Women's Health

FREE FROM:



Allergen Free



GMO Free



Gluten Free



BSE/TSE Free

CERTIFICATIONS:



Non-GMO



Halal



Kosher



Clinically Studied



Vegan friendly

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