

SinuPro™ 6 Sinus Support†

DESCRIPTION

SinuPro™ 6 is a unique formula that offers targeted sinus support.† It contains four strains of probiotics and NutraFlora® scFOS® prebiotic fiber to support the immune system, combined with N-Acetyl-L-Cysteine (NAC) for its antioxidant and mucolytic properties beneficial for nasal and bronchial health, and the bioflavonoid Quercetin to help maintain inflammatory balance and additional respiratory support.†

FUNCTIONS

N-Acetyl-L-Cysteine (NAC) is a powerful, natural antioxidant that works in the sinus and nasal passages to support normal mucus viscosity and flow. NAC is efficiently transported into the cell where it is readily converted to cysteine for glutathione synthesis. Thus, supplementation with N-Acetyl-L-Cysteine can raise intracellular glutathione levels. As such, glutathione is a powerful antioxidant to scavenge toxic free radicals and inhibit peroxidation. Quercetin a common type of flavanoid found in various plants that provides antioxidant protection against environmental stresses. In laboratory studies, quercetin supports normal histamine release, which is important for supporting sinus health.†

Probiotics are supplemental live, beneficial intestinal micro-organisms for gastrointestinal health and immune support.† Probiotics have been shown to exert a beneficial support through modification of the immune system host via the gut environment. Clinical trials also suggest that the exposure to healthy microbes through the gastrointestinal tract powerfully shapes immune function.† Multiple studies have indicated that multi-strain probiotic blends with lactobacilli, bifidobacterium, and streptococcus can provide optimal support for a diverse range of health needs.†

Research indicates that healthy microflora is critical to promote healthy nasal mucus. There is increasing evidence that oral probiotics support immune function at distal mucosal sites, stimulating a healthy mucosal immune system response.† *Streptococcus thermophilus* combined with *L.acidophilus* and *bifidobacterium* have demonstrated positive support of upper respiratory tract health.†

scFOS, also called short chain fructooligosaccharides, are prebiotics that have short molecular chains. They function as non-digestible fiber that can positively affect selected groups of beneficial intestinal microflora, such as lactobacillus. While probiotics merely add beneficial microflora, prebiotics influence the intestinal environment so that beneficial colonies of microflora can flourish. By aiding the beneficial microflora's survival, less desirable microflora can have a decreased chance of survival.

INDICATIONS

SinuPro6 is indicated for individuals that desire a broad-spectrum sinus and immune support formula.

FORMULA (#201871-90X)

Serving size 1 vegetarian capsule:

Proprietary Synbiotic Blend.....282 mg (yielding 7 billion CFU)
N-Acetyl-L-Cysteine, Quercetin, Short Chain Fructooligosaccharides
(NutraFlora® scFOS®), *Bifidobacterium bifidum*, *Lactobacillus acidophilus*, *Lactobacillus rhamnosus*, *Streptococcus thermophilus*

Other ingredients: Hydroxypropyl methylcellulose (capsule),vegetable stearate.

SUGGESTED USE

Take 1 capsule 3 times daily, preferably on an empty stomach, or as directed by a healthcare professional.

SinuPro™ 6 **Sinus Support†**

SIDE EFFECTS

No adverse effects have been reported.

STORAGE

Store in a cool, dry place, away from direct light. After opening, refrigerate with lid tightly sealed. Keep out of reach of children.

REFERENCES

Glück U, Gebbers JO. Ingested probiotics reduce nasal colonization with pathogenic bacteria. *Am J Clin Nutr.* 2003 Feb;77(2):517-20.

Cross ML. Immune-signalling by orally-delivered probiotic bacteria: effects on common mucosal immunoresponses and protection at distal mucosal sites. *Int J Immunopathol Pharmacol.* 2004 May-Aug;17(2):127-34. Review.

Matsuyama T, Morita T, Horikiri Y, Yamahara H, Yoshino H. Improved nasal absorption of salmon calcitonin by powdery formulation with N-acetyl-L-cysteine as a mucolytic agent. *J Control Release.* 2006 Oct 10;115(2):183-8.

Boots AW, Haenen GR, Bast A. Health effects of quercetin: from antioxidant to nutraceutical. *Eur J Pharmacol.* 2008 May 13;585(2-3):325-37.

Thornhill SM, Kelly AM. Natural treatment of perennial allergic rhinitis. *Altern Med Rev.* 2000 Oct;5(5):448-54. Review.

Collins MD, Gibson GR. Probiotics, prebiotics, and synbiotics: approaches for modulating the microbial ecology of the gut. *Am J Clin Nutr* 1999;69:1052S-1057S.

Robert J Boyle, Roy M Robins-Browne and Mimi LK Tang. Probiotic use in clinical practice: what are the risks? *American Journal of Clinical Nutrition*, Vol. 83, No. 6, 1256-1264, June 2006

For more information on SinuPro 6, visit douglaslabs.com

† 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.

Manufactured by
Douglas Laboratories
600 Boyce Road
Pittsburgh, PA 15205
800-245-4440
douglaslabs.com



**You trust Douglas Laboratories.
Your patients trust you.**