

## Skin Protect<sup>†</sup> with Lycopene

### DESCRIPTION

Skin Protect delivers a clinically studied combination of the antioxidants carnosic acid, lycopene, phytoene, and phytofluene to promote smooth, healthy skin from the inside out, while helping to protect from damage caused by UV sunlight exposure and environmental stresses.†

### FUNCTIONS

A primary response to the sun’s ultra violet B (UVB) light is *erythema solare* which is the most common acute sunlight induced damage to cells. There is increasing research showing that antioxidants such as carotenoids and tocopherols protect against damaging photo-oxidative reactions and may be supportive in preserving healthy skin.† Carotenoids are types of antioxidants that are present in human skin and contribute to ultra violet (UV) light protection.† Natural carotenoids have been shown to protect the skin from DNA damage under exposure to the sun better than synthetic lycopene.† Tomato fruit extract contains a natural source of the carotenoid lycopene as well as other phytonutrients like phytoene and phytofluene that help protect against cellular damage through their ability to absorb UVA and UVB light. †

Premature aging of the skin is measured by parameters such as roughness, scaling, smoothness, and wrinkling of the skin. Lycopene and α-tocopherol support the skin’s defenses to environmental stress and help to maintain the skin’s ability to protect against photo-aging.† The presence of lycopene in the skin may also correlate to decreased roughness of the skin surface.† Research has shown that volunteers with higher lycopene levels in their skin were shown to have less skin roughness as measured by skin imaging lines and wrinkles.† Lycopene supplementation was also shown to support skin density and thickness.†

### INDICATIONS

This product is recommended for individuals that want to support skin health and help protect their skin from the effects of UV light. †

### FORMULA (#202277)

Serving size 1 softgel:

Standardized tomato fruit extract .....	200 mg
Providing:	
Lycopene.....	7.5 mg
Natural mixed tocopherols .....	2.8 mg
Phytoene and phytofluene .....	2.9 mg
Carnosic acid (from rosemary leaf extract).....	2 mg

Other ingredients: Bovine gelatin, medium chain triglycerides, glycerin, purified water, annatto extract.

Lycored Nutrient Complex Technology Inside. Lycored Nutrient Complex is a registered trademark. US Patents: 5,837,311; 6,797,303 82; 5,965,183; 2010/023256 A1.

### SUGGESTED USE

Adults take one softgel, twice daily with food, or as directed by a healthcare professional.

### SIDE EFFECTS

No adverse side effects have been reported.

## **Skin Protect<sup>†</sup> with Lycopene STORAGE**

Store in a cool, dry place, away from direct light. Keep out of reach of children.

### **REFERENCES**

Darvin M, Patzelt A, Gehse S, Schanzer S, Benderoth C, Sterry W, Lademann J. European Journal of Pharmaceutics and Biopharmaceutics 69 (2008) 943–947.

Aust O, Stahl W, Sies H, Tronnier H, Heinrich U. J. Vitam. Nutr. Res.3/224.

Cesarini J.P, Michel L, Maurette M, Adhoute H, Bejot M. Photodermatology, Photoimmynology and Photomedicine 19: 182-189.

Offord E, Gautier JC, Avanti O, Scaletta C, Runge F, Kramer K, Applegate LA. Free Radical Biology & Medicine, Vol. 32, No. 12, pp. 1293–1303, 2002

Juturu V, Bowman JP, Deshpande J. Clinical, Cosmetic and Investigational Dermatology 2016: 9 325-332.

Hadad N, Levy R. Free Radical Biology and Medicine 53 (2012) 1381 - 1391.

Heinrich U, Tronnier H, Stahl W, Bejot M, Maurette JM. Skin Pharmacol Physiol 2006; 19:224-231.

**For more information on Skin Protect visit [douglaslabs.com](http://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 for  
Douglas Laboratories  
112 Technology Drive  
Pittsburgh, PA 15275  
800-245-4440  
[douglaslabs.com](http://douglaslabs.com)



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