

PureDefense w/NAC

Supports immune function and upper respiratory health[†]

INDICATIONS

- Ages 18 and up
- Immune function and upper respiratory health support[†]

BENEFITS

- Supports first-line immune defense and overall immune health[†]
- Provides support for upper respiratory tract health[†]
- Promotes antioxidant protection[†]

FEATURES

- Features EpiCor[®] saccharomyces cerevisiae fermentate, NAC, nutrients and flavonoids
- Offered in both 120-count bottle and convenient blister pack box designed for travel or short-term dosing
- Made with high-quality ingredients backed by verifiable science

VERIFIABLE SCIENCE

Natural killer cells are part of the body's innate, or first-line, immune response. They respond more quickly than the adaptive immune system comprised of B cells and T cells. Once activated, natural killer cell activity peaks in as quickly as several hours, providing rapid support and wide-range immune defense. EpiCor[®] is a fermentate of *Saccharomyces cerevisiae* containing various bioactive metabolites. These nutrient metabolites are produced in a specialized fermentation process and enhance immune cell production. In one cellular study, EpiCor[®] promoted natural killer cell activation, as well as that of B cells and T cells.¹ In two randomized, double-blind, placebo-controlled trials, EpiCor[®] provided statistically significant support for upper respiratory tract health and overall immune health.^{2,3} A separate open label, in-house trial indicated a strong potential for EpiCor[®] supplementation to enhance secretory IgA levels after 30 days. These various actions demonstrate the ability of EpiCor[®] to address both innate and adaptive immune responses.⁴ NAC (n-acetyl-l-cysteine) promotes endogenous glutathione production for antioxidant protection and provides lung defense mechanisms for healthy respiratory function.⁵ In a randomized, double-blind trial

involving mostly older individuals, NAC showed support for respiratory health.⁶ Quercetin and elderberry provide flavonoids that offer additional support for immune and respiratory function while vitamin C, vitamin D and zinc play important roles in immune cell activation.^{7,8,9,10[†]}

SUGGESTED USE

As a dietary supplement, take 2 capsules, twice daily, with meals.

STORAGE

Store in a cool, dry place.

WARNING

If you are pregnant or lactating, have any health condition or are taking any medications, particularly immunosuppressants, consult your health professional before use.

SOURCE

- Ascorbic acid is derived from corn dextrose fermentation
- Vitamin D is derived from lanolin
- Zinc is derived from earthen ore
- N-acetyl-l-cysteine is derived from duck feather
- EpiCor[®] dried yeast fermentate complex is derived from *Saccharomyces cerevisiae*
- Elderberry extract is derived from *Sambucus nigra* fruit
- Quercetin is derived from the Fava d'anta tree (*Dimorphandra mollis*) pods and Cat's claw (*Uncaria tomentosa*) leaves
- Ascorbyl palmitate is derived from corn dextrose fermentation and palm oil

PureDefense w/NAC

Supports immune function and upper respiratory health[†]

NOTES

PureDefense w/NAC

Size 0 caps

Bottle count 120

Order codes PDN1

Bottle size 190 cc

PureDefense w/NAC travel pack

Size 0 caps

Bottle count 20 (1 card blister pack)

Order codes PDNB2

Carton size 3 21/32" x 5/8" x 5 3/8"

REFERENCES

1. Jensen GS, et al. *J Med Food*. 2015 Mar;18(3):378-84.
2. Moyad MA, et al. *Urol Nurs*. 2008 Feb;28(1):50-5.
3. Talbott SM, et al. *J Am Coll Nutr*. 2012 Aug;31(4):295-300.
4. Jensen GS, et al. *J Med Food*. 2011 Sep;14(9):1002-10.
5. Sutherland ER, Crapo JD, Bowler RP. *COPD*. 2006 Dec;3(4):195-202.
6. De Flora S, et al. *Eur Respir J*. 1997 Jul;10(7):1535-41.
7. Nieman DC, et al. *Med Sci Sports Exerc*. 2007 Sep;39(9):1561-9.
8. Roschek B Jr, et al. *Phytochemistry*. 2009 Jul;70(10):1255-61.
9. Wintergerst ES, et al. *Ann Nutr Metab*. 2006;50(2):85-94.
10. Hossein-nezhad A, et al. *PLoS One*. 2013;8(3):e58725.

SUPPLEMENT FACTS

2 capsules, twice daily, with meals.

Two (size 0) vegetarian capsules contain:

Vitamin C (as ascorbic acid)	250 mg
Vitamin D (as cholecalciferol) (D ₃)	25 mcg (1,000 IU)
Zinc (as zinc citrate)	7.5 mg
N-Acetyl-L-cysteine (free-form)	450 mg
EpiCor [®] dried yeast fermentate complex (from <i>Saccharomyces cerevisiae</i>)	250 mg
European elder (elderberry) (<i>Sambucus nigra</i>) extract (fruit)	200 mg
Quercetin	25 mg
Other ingredients: vegetarian capsule (cellulose, water), ascorbyl palmitate	

EpiCor[®] is a registered trademark of Embria Health Sciences, L.L.C.

If you are pregnant or lactating, have any health condition or are taking any medications, particularly immunosuppressants, consult your health professional before use.



PureDefense w/NAC	Quantity	Order Code
	120	PDN1

Visit PureEncapsulationsPro.com for more information about our GMO policy.