



An ICAR
Health Product



ICAR-Central Marine Fisheries Research Institute's Cadalmin™ Immunoboost extract (Cadalmin™ IBe)

A green remedy to improve immunity from seaweeds



For further information please contact:

The Director

ICAR- Central Marine Fisheries Research Institute
Ernakulam North PO, PB No 1603
Cochin-682018, Kerala

Cadalmin™ Immunoboost extract (Cadalmin™ IBe) is a novel nutraceutical product, which provides a unique blend of 100% natural bioactive ingredients extracted from seaweeds with an ecofriendly "green" technology to improve the innate immune system.

Cadalmin™ IBe was found to increase the innate immune response (non-specific) by regulating nuclear factor κ B along with oxidative stress markers, such as inducible nitric oxide synthetase, pro-inflammatory cyclooxygenases/5-lipoxygenase, bradykinin, inflammatory prostaglandins (PGE2 and PGF2 α), and leukotrienes (LTB4), and increasing the T-lymphocytes. The activity of the active ingredient in Cadalmin™ IBe against oxidative agents causing the production of reactive oxygen species (ROS) implicated the reduced ROS-mediated inflammatory response and greater immunity.

Chemical structure of active principles in Cadalmin™ IBe benefits immune health since immune cells recognize (1 \rightarrow 3) linkages and are primed by the active principles in the product.

The preclinical trial showed no test substance-related general organ or systemic toxicity following long term oral administration of Cadalmin™ IBe.

Ingredients (60 capsules)

Cadalmin™ IBe (per capsule) active principle 400 mg enriched with 100% natural bioactive ingredients. The active ingredients have been encapsulated in low moisture content 100% vegetarian based hydroxypropyl methylcellulose capsules.

Recommended dosage

Two capsules twice daily for 3 months. Two capsules once daily, thereafter.

Contraindications

People with seafood allergies should consult physician. If pregnant, nursing or under medication, consult your physician before using the product.





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