

Probonix Repair

Strain	What it does:
Vitamin C and E	<ul style="list-style-type: none"> • Protects intestinal mucosal cells from oxidative damage • Reduces incidence of bacterial translocation from intestinal lumen • Decreases mucosal lipid peroxidation in chronic portal hypertension.
Calcium	<ul style="list-style-type: none"> • Helps prevent Leaky Gut Syndrome • Builds and maintains healthy bones and teeth • Helps manage blood sugars
Zinc	<ul style="list-style-type: none"> • Helps maintain normal intestinal permeability • Reduces inflammation • Antioxidant properties • Supports damaged tissue repair • Essential for properly functioning immune system
Ginkgo Biloba Extract (GBE)	<ul style="list-style-type: none"> • Protects gastrointestinal mucosal cells through antioxidant properties • Improves GI circulation • Promotes normal intestinal barrier function • Reduces damage to colonic mucosa • Can prevent damage associated with small-intestinal ischemia
Slippery Elm Bark	<ul style="list-style-type: none"> • Antioxidant and anti-inflammatory properties • Relieves inflammation and irritation of mucous membranes • Increases and restores mucosal lining
Alpha Lipoic Acid (ALA)	<ul style="list-style-type: none"> • Neutralizes free radicals • Reduces oxidative stress • Increases levels of glutathione, an important component of proper gut barrier function • Prevents intestinal inflammation • Reduces increased gut permeability and inflammation due to ulcerative colitis
N-Acetyl-D-Glucosamine (NAG)	<ul style="list-style-type: none"> • Precursor for intestinal mucin production by goblet cells • Precursor for biosynthesis of the glycocalyx, a protective coating on epithelial tissue • Prevents Candida infections • Stimulates growth of beneficial Bifidobacteria
L-Glutamine	<ul style="list-style-type: none"> • Amino acid used as a source of energy for intestinal epithelial cells • Stimulates proliferation of epithelial lining for maintenance and repair • Promotes ability to selectively combat foreign invaders • Supports healthy gut barrier function • Reduces mucosal permeability • Anti-inflammatory properties • Required for normal production of IgA in the intestines • Helps to maintain intestinal barrier function against bacteria
Licorice Root	<ul style="list-style-type: none"> • Supports healthy gastric mucosal lining • Stimulates increased mucin production • Stimulates circulation • Promotes healing • Increases the life of intestinal cells • It is not advised to consume licorice root extract if one is pregnant or has heart, liver, or kidney issues.
Cat's Claw	<ul style="list-style-type: none"> • Antioxidant and anti-inflammatory properties • Provides immunomodulation via suppression of TNF-alpha synthesis • Potential benefits for Crohn's Disease, Ulcerative Colitis, and other inflammatory conditions

Probonix Repair (continued)

Strain	What it does:
Probiotics	<ul style="list-style-type: none"> • Help to maintain or restore beneficial intestinal microflora • Support healthy gastrointestinal functions • Produce important nutrients and enzymes for digestive functions • Break down dietary fiber • Support immune health • Promote healthy bacterial and yeast balance • Support skin health • Promote normal intestinal permeability • Beneficial in treatment and prevention many intestinal permeability related disorders • Regulate bowel functions
Globe Artichoke	<ul style="list-style-type: none"> • Rich in polyphenols, which serve to increase the amount of healthy bacteria in the gut • Antioxidant properties • Protects liver and has shown potential to help liver cells regenerate • Stimulates production of bile • Enhances fat digestion and vitamin digestion from food
EDS (Digestive Enzymes):	
Amylase	<ul style="list-style-type: none"> • Helps convert starch to simple sugar
Cellulase	<ul style="list-style-type: none"> • Optimizes amount of energy contained in plant material. Not produced in the body. • Main enzyme responsible for breaking down fats in the human digestive system • Facilitates the breakdown of food proteins
AdPT (Adaptogenic Herbs):	
Eleuthero	<ul style="list-style-type: none"> • Reduces stress response, prevents acute gastric mucosal lesion progression, reduces inflammation and oxidative stress in gastric mucosa
Cordyceps	<ul style="list-style-type: none"> • Strengthen and rebuild the body after exhaustion or long-term illness
Rhodiola Rosea	<ul style="list-style-type: none"> • Stimulates the nervous system, decreases depression, enhances work performance, eliminates fatigue
Reishi	<ul style="list-style-type: none"> • Helps the body deal with increased inflammation, depleted energy levels, damaged blood vessels, hormonal imbalances, and other negative effects of stress
Ashwagandha	<ul style="list-style-type: none"> • Helps the body cope with daily stress • Improves thyroid function • Boosts immunity
Jiaogulan	<ul style="list-style-type: none"> • Powerful antioxidant that contains adaptogenic effects purported to increase longevity.

Other Ingredients: Vegetable capsule. Made in the USA.

The indications listed here are simply a representation of what the most recent testing has shown to be the likely benefits for each strain. There are no guarantees of efficacy for any probiotic ingredients. The material and opinions expressed in this document are believed to be accurate based on the best judgment available to the authors. Whilst the information in this document is regularly updated and every attempt is made to ensure that the material is accurate, medical research is being continually published and thus some information may be out of date and/or may contain inaccuracies and typographical errors.

The information in this document is for educational and general purposes only and should not be construed as medical advice or a substitute for medical treatment. Readers should always consult appropriate and qualified health or medical professionals about specific medical problems and issues relating to personal wellbeing. The authors do not accept any responsibility for harm or loss which may result from failure to consult with the appropriate health authorities, and readers assume the risk of any such injuries that may arise from these circumstances.

The following sources were consulted in the preparation of this list: <https://medlineplus.gov>, www.probiotics.org, www.mayoclinic.org, www.probioticsdb.com, www.probiotics-lovethatbug.com, and www.pubmed.gov.

Humarian

11495 N. Pennsylvania Street, Suite 100

Carmel, IN 46032

humarian.com

