Full-Strength Pancreatin is a bioidentical form of pancreatic enzymes for improved digestion and absorption. Full-Strength Pancreatin is designed to aid the body’s natural digestive process by providing enzymes naturally secreted by the pancreas, when there is suboptimal pancreatic output. These enzymes are essential to the digestion of food and absorption of nutrients. Pancreatin is comprised of a pancreatic extract, which has been purified to contain only pancreatic digestive enzymes for improved digestion. Pancreatic enzymes are delivered to the duodenum, via acinar cells, for hydrolysis of complete nutrients.

Overview
Because of our hectic lifestyles, and the way we often consume food that is overcooked, digestion can often be less than optimal. Poor digestion can produce bloating and gas, cramping, diarrhea or constipation, and even food intolerances. Incomplete digestion of food proteins may also be linked to food allergies, and improper digestion can cause foods to be fermented in the gut, and can lead to the proliferation of “bad” bacteria and yeast at the expense of “good” intestinal bacteria. More complete digestion removes a potential food source for these bad bacteria, allowing for the complete breakdown of food proteins to help support regular bowel movements. The pancreas secretes a substance called pancreatin, which contains protease, amylase and lipase, allowing for improved macronutrient breakdown. In cases where there is an increase of fat in the stool, pancreatin allows for normalization of fecal fat levels.

Pancreatin†
Due to the enzymatic components such as protease, amylase and lipase, pancreatin hydrolyzes proteins, starch and fats. Although some carbohydrate digestion begins in the mouth via salivary amylase, pancreatic amylase is the major carbohydrate-digesting enzyme. Amylases break down starches to maltose and maltotriose, which are further hydrolyzed into glucose by the disaccharidases of the mucosal cells, and then absorbed. The great majority of fat triglycerides are digested by pancreatic lipase secreted by the exocrine pancreas into the duodenum. Lipases break down triglycerides into monoglycerides and free fatty acids, which are efficiently absorbed in the upper small intestine. In the small intestine, proteases break down these polypeptides into free amino acids, and di- and tripeptides, which are directly absorbed by the intestinal mucosa.

CLINICAL APPLICATIONS
• Provides Lipase for Ideal Fat Metabolism
• Supports Healthy Digestion and Maximizes Nutrient Absorption
• Helps Maintain Healthy Gastrointestinal Flora
• Provides Protease-Rich Digestive Enzymes for Improved Protein Breakdown

GASTROINTESTINAL SUPPORT

<table>
<thead>
<tr>
<th>Enzyme</th>
<th>Breaks down</th>
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<tbody>
<tr>
<td>Protease</td>
<td>Proteins, such as meats and eggs</td>
</tr>
<tr>
<td>Amylase</td>
<td>Starches, such as potatoes, rice and bread</td>
</tr>
<tr>
<td>Lipase</td>
<td>Fats</td>
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</table>
Pancreatic enzyme secretion is stimulated during the cephalic and gastric phases, but most importantly occurs during the intestinal phase, when partially digested food that is expelled from the stomach, also referred to as chyme, enters the duodenum. Fatty acids, amino acids and gastric acid entering the duodenum is the most potent stimulator of pancreatic enzymes.¹ Vagal and neural reflexes stimulate pancreatic secretions during the cephalic and gastric phases.²,³ Pancreatin supports healthy digestion and absorption for those with suboptimal pancreatic enzyme output challenges.

**Directions**
1 or more capsules before a meal or as recommended by your health care professional.

**Does Not Contain**
Gluten, corn, yeast, artificial colors and flavors.

**Cautions**
If you are pregnant or nursing, consult your physician before taking this product.

**References**

**Supplement Facts**

<table>
<thead>
<tr>
<th>Serving Size 1 Capsule</th>
<th>Servings Per Container 90</th>
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<tbody>
<tr>
<td>1 capsule contains</td>
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</tr>
<tr>
<td>Amount Per Serving</td>
<td>% Daily Value</td>
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<tr>
<td>Pancreatin Full Strength</td>
<td>265 mg</td>
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* Daily Value not established