

## PGC

### Native Human Pepsinogen II

<b>Catalog No.</b>	CNH003A CNH003B CNH003C	<b>Quantity:</b>	100 µg 500 µg 1 mg
<b>Alternate Names:</b>	Pepsinogen C, PG2, PGC		
<b>Description:</b>	Human Pepsinogens are aspartic proteases produced in the gastric mucosa and secreted into the gastric lumen that play a major role in the digestion of proteins after activation at acidic pH. Pepsinogen is synthesized as isoforms and are classified into two groups, I and II.		
<b>Appearance:</b>	White lyophilisate		
<b>Gene ID:</b>	5225		
<b>Source:</b>	Human Gastric Mucosa		
<b>Molecular Weight:</b>	40.0 kDa		
<b>Formulation:</b>	Lyophilized from Tris HCl, pH 8.5		
<b>Purity:</b>	>90% by SDS-PAGE. Identity confirmed by Western blot.		
<b>Specific Activity:</b>	Lot specific. One unit will produce a $\Delta A_{280}$ of 0.001 per minute at pH 2.0 and 37°C, measured as TCA-soluble products from hemoglobin.		
<b>Solubility:</b>	Produces a clear, colorless solution at 1 mg/ml in saline.		
<b>Storage &amp; Stability:</b>	Store at -20°C. 2 years from manufacture. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Certification:</b>	Non-Infectious Disease Certification: Non-reactive for HIV-1/HCV/HBV by NAT; HBsAg, HCV Ab, HIV-1&2 Ab and RPR by currently approved FDA methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at Bio-Safety Level 2 (BSL 2) as recommended for potentially infectious human serum or blood specimen in the CCD/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 1999.		

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

