

Native Human Pepsinogen II

Cat. No. PGC-132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human Pepsinogen II was purified from Human Gastric Mucosa.
Species	Human
Source	Human Gastric Mucosa
Description	Human Pepsinogen(s) PG(s) 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 of acidic pH. Pepsinogen is synthesized as isoymogens and are classified into two groups, I and II.
Form	Liquid
Molecular Mass	40 kDa
Purity	> 90% (SDS-PAGE)
Unit Definition	One unit will produce a change in A280 of 0.001 per minute at pH 2.0 and 37°C, measured as TCA-soluble products from hemoglobin.
Stability	1 year
Storage	2-8 centigrade
Concentration	> 0.5 mg/mL

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GENE INFORMATION

Gene Name	PGC progastricsin (pepsinogen C) [Homo sapiens]
Official Symbol	PGC
Synonyms	PEPC; PGI; gastricsin; pepsin C; pepsinogen C; pepsinogen group II; preprogastricsin
Gene ID	5225
mRNA Refseq	NM_001166424
Protein Refseq	NP_001159896
MIM	169740
UniProt ID	P20142
Chromosome Location	6p21.1
Function	aspartic-type endopeptidase activity

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