

Recombinant Human PGC

Catalog No: #GP10697



Package Size: #GP10697-1 100ug

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Description

Product Name	Recombinant Human PGC
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-97 amino acids of human progastricsin (pepsinogen C)progastricsin (pepsinogen C)
Target Name	progastricsin (pepsinogen C)
Other Names	PEPC, PGII
Accession No.	Swissprot:P20142Gene Accession:BC042578
Uniprot	P20142
GenID	5225;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes an aspartic proteinase that belongs to the peptidase family A1. The encoded protein is a digestive enzyme that is produced in the stomach and constitutes a major component of the gastric mucosa. This protein is also secreted into the serum. This protein is synthesized as an inactive zymogen that includes a highly basic prosegment. This enzyme is converted into its active mature form at low pH by sequential cleavage of the prosegment that is carried out by the enzyme itself. Polymorphisms in this gene are associated with susceptibility to gastric cancers. Serum levels of this enzyme are used as a biomarker for certain gastric diseases including *Helicobacter pylori* related gastritis. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 1.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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