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GIF Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12975c

Specification

GIF Antibody (Center) Blocking peptide - Product Information

Primary Accession P27352

GIF Antibody (Center) Blocking peptide - Additional Information

Gene ID 2694

Other Names
Gastric intrinsic factor, Intrinsic factor, IF, INF, GIF, IFMH

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GIF Antibody (Center) Blocking peptide - Protein Information

Name CBLIF (HGNC:4268)

Function
Promotes absorption of the essential vitamin cobalamin (Cbl) in the ileum. After interaction with CUBN, the CBLIF-cobalamin complex is internalized via receptor-mediated endocytosis.

Cellular Location
Secreted.

Tissue Location
Gastric mucosa.

GIF Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

GIF Antibody (Center) Blocking peptide - Images

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GIF Antibody (Center) Blocking peptide - Background

This gene is a member of the cobalamin transport proteinfamily. It encodes a glycoprotein secreted by parietal cells of thegastric mucosa and is required for adequate absorption of vitaminB12. Vitamin B12 is necessary for erythrocyte maturation andmutations in this gene may lead to congenital pernicious anemia.

GIF Antibody (Center) Blocking peptide - References

Levine, A.J., et al. Cancer Epidemiol. Biomarkers Prev. 19(7):1812-1821(2010)Andersen, C.B., et al. Nature 464(7287):445-448(2010)Ament, A.E., et al. Br. J. Haematol. 144(4):622-624(2009)Remacha, A.F., et al. Ann. Hematol. 87(7):599-600(2008)Mathews, F.S., et al. Proc. Natl. Acad. Sci. U.S.A. 104(44):17311-17316(2007)