

PYGL Blocking Peptide (C-Term)

Synthetic peptide

Catalog # BP21847b

Specification

PYGL Blocking Peptide (C-Term) - Product Information

Primary Accession

[P06737](#)**PYGL Blocking Peptide (C-Term) - Additional Information**

Gene ID 5836

Other Names

Glycogen phosphorylase, liver form, PYGL

Target/Specificity

The synthetic peptide sequence is selected from aa 829-843 of HUMAN PYGL

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.

PYGL Blocking Peptide (C-Term) - Protein InformationName PYGL ([HGNC:9725](#))**Function**

Allosteric enzyme that catalyzes the rate-limiting step in glycogen catabolism, the phosphorolytic cleavage of glycogen to produce glucose-1-phosphate, and plays a central role in maintaining cellular and organismal glucose homeostasis.

Cellular Location

Cytoplasm, cytosol.

PYGL Blocking Peptide (C-Term) - Protocols

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

- [Blocking Peptides](#)

PYGL Blocking Peptide (C-Term) - Images

PYGL Blocking Peptide (C-Term) - Background

Phosphorylase is an important allosteric enzyme in carbohydrate metabolism. Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates. However, all known phosphorylases share catalytic and structural properties.

PYGL Blocking Peptide (C-Term) - References

Newgard C.B., et al. Proc. Natl. Acad. Sci. U.S.A. 83:8132-8136(1986).
Carty M.D., et al. Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases.
Chang S., et al. Hum. Mol. Genet. 7:865-870(1998).
Burwinkel B., et al. Am. J. Hum. Genet. 62:785-791(1998).
Ota T., et al. Nat. Genet. 36:40-45(2004).