

**GMPPB Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP22043c****Specification**

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**GMPPB Blocking Peptide (Center) - Product Information**

Primary Accession [Q9Y5P6](#)  
Other Accession [Q8BTZ7](#), [P0C5I2](#)

**GMPPB Blocking Peptide (Center) - Additional Information**

**Gene ID** 29925

**Other Names**

Mannose-1-phosphate guanyltransferase beta, 2.7.7.13, GDP-mannose pyrophosphorylase B, GTP-mannose-1-phosphate guanyltransferase beta, GMPPB

**Target/Specificity**

The synthetic peptide sequence is selected from aa 149-162 of HUMAN GMPPB

**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.

**GMPPB Blocking Peptide (Center) - Protein Information**

**Name** GMPPB ([HGNC:22932](#))

**Function**

Catalyzes the formation of GDP-mannose, an essential precursor of glycan moieties of glycoproteins and glycolipids.

**Cellular Location**

Cytoplasm.

**GMPPB Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)

**GMPPB Blocking Peptide (Center) - Images****GMPPB Blocking Peptide (Center) - References**

Matthijs G.,et al.Submitted (MAR-1999) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Muzny D.M.,et al.Nature 440:1194-1198(2006).

Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Van Damme P.,et al.Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).