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PIGB Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP20135a

Specification

PIGB Blocking Peptide (N-term) - Product Information

Primary Accession	Q92521
Other Accession	NP_004846.4

PIGB Blocking Peptide (N-term) - Additional Information

Gene ID 9488

Other Names
GPI mannosyltransferase 3, 241-, GPI mannosyltransferase III, GPI-MT-III, Phosphatidylinositol-glycan biosynthesis class B protein, PIG-B, PIGB

Target/Specificity
The synthetic peptide sequence is selected from aa 43-56 of HUMAN PIGB

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.

PIGB Blocking Peptide (N-term) - Protein Information

Name PIGB (HGNC:8959)

Function
Mannosyltransferase involved in glycosylphosphatidylinositol- anchor biosynthesis. Transfers the third alpha-1,2-mannose to Man2- GlcN-acyl-PI during GPI precursor assembly.

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein

PIGB Blocking Peptide (N-term) - Protocols

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

- Blocking Peptides

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PIGB Blocking Peptide (N-term) - Images

PIGB Blocking Peptide (N-term) - Background

This gene encodes a transmembrane protein that is located in the endoplasmic reticulum and is involved in GPI-anchor biosynthesis. The glycosylphosphatidylinositol (GPI) anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene is thought to encode a member of a family of dolichol-phosphate-mannose (Dol-P-Man) dependent mannosyltransferases.

PIGB Blocking Peptide (N-term) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Hwang, G.W., et al. J Toxicol Sci 32(5):581-583(2007)
Anikster, Y., et al. Am. J. Hum. Genet. 71(2):407-414(2002)
Kinoshita, T., et al. Curr Opin Chem Biol 4(6):632-638(2000)
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