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PIGS Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP18217b

Specification

PIGS Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q96S52

PIGS Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 94005

Other Names
GPI transamidase component PIG-S, Phosphatidylinositol-glycan biosynthesis class S protein, PIGS

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.

PIGS Antibody (C-term) Blocking Peptide - Protein Information

Name PIGS

Function
Component of the GPI transamidase complex. Essential for transfer of GPI to proteins, particularly for formation of carbonyl intermediates.

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein

PIGS Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

PIGS Antibody (C-term) Blocking Peptide - Images

PIGS Antibody (C-term) Blocking Peptide - Background

This gene encodes a protein that is involved in GPI-anchorbiosynthesis. The

glycosylphosphatidylinositol (GPI) anchor is aglycolipid found on many blood cells and serves to anchor proteinsto the cell surface. This gene encodes an essential component ofthe multisubunit enzyme, GPI transamidase. GPI transamidasemediates GPI anchoring in the endoplasmic reticulum, by catalyzingthe transfer of fully assembled GPI units to proteins. [provided byRefSeq].

PIGS Antibody (C-term) Blocking Peptide - References

Vainauskas, S., et al. J. Biol. Chem. 280(16):16402-16409(2005)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Hong, Y., et al. Mol. Biol. Cell 14(5):1780-1789(2003)Ohishi, K., et al. J. Biol. Chem. 278(16):13959-13967(2003)Vainauskas, S., et al. J. Biol. Chem. 277(34):30535-30542(2002)