

PIGU Blocking Peptide (N-Term)
Synthetic peptide
Catalog # BP21827a**Specification**

PIGU Blocking Peptide (N-Term) - Product InformationPrimary Accession [Q9H490](#)**PIGU Blocking Peptide (N-Term) - Additional Information****Gene ID** 128869**Other Names**

Phosphatidylinositol glycan anchor biosynthesis class U protein, Cell division cycle protein 91-like 1, Protein CDC91-like 1, GPI transamidase component PIG-U, PIGU, CDC91L1

Target/Specificity

The synthetic peptide sequence is selected from aa 122-134 of HUMAN PIGU

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.

PIGU Blocking Peptide (N-Term) - Protein Information**Name** PIGU ([HGNC:15791](#))**Synonyms** CDC91L1**Function**

Component of the glycosylphosphatidylinositol-anchor (GPI- anchor) transamidase (GPI-T) complex that catalyzes the formation of the linkage between a proprotein and a GPI-anchor and participates in GPI anchored protein biosynthesis (PubMed:12802054, PubMed:31353022, PubMed:34576938, PubMed:35165458, PubMed:35551457, PubMed:37684232). Binds the lipid portion of GPI-anchor (PubMed:37684232). May act as an organizer in the transmembrane layer to recruit other subunits, and thus is essential for assembly of the complex (PubMed:37684232).

href="http://www.uniprot.org/citations/35165458" target="_blank">35165458, PubMed:35551457).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

PIGU Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

PIGU Blocking Peptide (N-Term) - Images**PIGU Blocking Peptide (N-Term) - Background**

Component of the GPI transamidase complex. May be involved in the recognition of either the GPI attachment signal or the lipid portion of GPI.

PIGU Blocking Peptide (N-Term) - References

Hong Y.,et al.Mol. Biol. Cell 14:1780-1789(2003).
Guo Z.,et al.Submitted (SEP-2003) to the EMBL/GenBank/DDBJ databases.
Lin L.,et al.Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Otsuki T.,et al.DNA Res. 12:117-126(2005).