

KLB Blocking Peptide (N-Term)

Synthetic peptide

Catalog # BP22050a

Specification

KLB Blocking Peptide (N-Term) - Product Information

Primary Accession

[Q86Z14](#)**KLB Blocking Peptide (N-Term) - Additional Information****Gene ID** 152831**Other Names**

Beta-klotho, BKL, BetaKlotho, Klotho beta-like protein, KLB

Target/Specificity

The synthetic peptide sequence is selected from aa 18-29 of HUMAN KLB

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.

KLB Blocking Peptide (N-Term) - Protein Information**Name** KLB**Function**

Contributes to the transcriptional repression of cholesterol 7-alpha-hydroxylase (CYP7A1), the rate-limiting enzyme in bile acid synthesis. Probably inactive as a glycosidase. Increases the ability of FGFR1 and FGFR4 to bind FGF21 (By similarity).

Cellular Location

Cell membrane; Single-pass type III membrane protein

KLB Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

KLB Blocking Peptide (N-Term) - Images

KLB Blocking Peptide (N-Term) - Background

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KLB Blocking Peptide (N-Term) - References

Hayashi A.,et al.Submitted (FEB-2002) to the EMBL/GenBank/DDBJ databases.
Wu X.,et al.J. Biol. Chem. 283:33304-33309(2008).
Micanovic R.,et al.J. Cell. Physiol. 219:227-234(2009).