

**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).**KLB Blocking Peptide (N-Term) - Background**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).**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).

**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](#)