

**ZKSCAN3 Blocking Peptide (N-Term)**

Synthetic peptide

Catalog # BP21797a

**Specification**

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**ZKSCAN3 Blocking Peptide (N-Term) - Product Information**

Primary Accession

[Q9BRR0](#)**ZKSCAN3 Blocking Peptide (N-Term) - Additional Information**

Gene ID 80317

**Other Names**

Zinc finger protein with KRAB and SCAN domains 3, Zinc finger and SCAN domain-containing protein 13, Zinc finger protein 306, Zinc finger protein 309, Zinc finger protein 47 homolog, Zf47, Zfp-47, ZKSCAN3, ZFP47, ZNF306, ZNF309, ZSCAN13

**Target/Specificity**

The synthetic peptide sequence is selected from aa 120-130 of HUMAN ZKSCAN3

**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.

**ZKSCAN3 Blocking Peptide (N-Term) - Protein Information**

Name ZKSCAN3

Synonyms ZFP47, ZNF306, ZNF309, ZSCAN13

**Function**

Transcriptional factor that binds to the consensus sequence 5'-[GT][AG][AGT]GGGG-3' and acts as a repressor of autophagy. Specifically represses expression of genes involved in autophagy and lysosome biogenesis/function such as MAP1LC3B, ULK1 or WIPI2. Associates with chromatin at the ITGB4 and VEGF promoters. Also acts as a transcription activator and promotes cancer cell progression and/or migration in various tumors and myelomas.

**Cellular Location**

Nucleus. Cytoplasm. Note=Mainly localizes in the nucleus. Under starvation conditions translocates to the cytoplasm, allowing expression of target genes involved in autophagy and lysosome biogenesis/function

### **ZKSCAN3 Blocking Peptide (N-Term) - Protocols**

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

- [Blocking Peptides](#)

### **ZKSCAN3 Blocking Peptide (N-Term) - Images**

### **ZKSCAN3 Blocking Peptide (N-Term) - Background**

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### **ZKSCAN3 Blocking Peptide (N-Term) - References**

Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Mungall A.J., et al. Nature 425:805-811(2003).  
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Petroni D., et al. DNA Seq. 9:163-169(1998).