

ZFPM1 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP21263b

Specification

ZFPM1 Blocking Peptide (C-term) - Product Information

Primary Accession [Q8IX07](#)

ZFPM1 Blocking Peptide (C-term) - Additional Information

Gene ID 161882

Other Names

Zinc finger protein ZFPM1, Friend of GATA protein 1, FOG-1, Friend of GATA 1, Zinc finger protein 89A, Zinc finger protein multitype 1, ZFPM1, FOG1, ZFN89A

Target/Specificity

The synthetic peptide sequence is selected from aa 954-967 of HUMAN ZFPM1

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.

ZFPM1 Blocking Peptide (C-term) - Protein Information

Name ZFPM1

Synonyms FOG1, ZFN89A

Function

Transcription regulator that plays an essential role in erythroid and megakaryocytic cell differentiation. Essential cofactor that acts via the formation of a heterodimer with transcription factors of the GATA family GATA1, GATA2 and GATA3. Such heterodimer can both activate or repress transcriptional activity, depending on the cell and promoter context. The heterodimer formed with GATA proteins is essential to activate expression of genes such as NFE2, ITGA2B, alpha- and beta-globin, while it represses expression of KLF1. May be involved in regulation of some genes in gonads. May also be involved in cardiac development, in a non-redundant way with ZFPM2/FOG2 (By similarity).

Cellular Location

Nucleus.

Tissue Location

Mainly expressed in hematopoietic tissues. Also expressed in adult cerebellum, stomach, lymph node, liver and pancreas Expressed in fetal heart, liver and spleen

ZFPM1 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

ZFPM1 Blocking Peptide (C-term) - Images**ZFPM1 Blocking Peptide (C-term) - Background**

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ZFPM1 Blocking Peptide (C-term) - References

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Martin J.,et al.Nature 432:988-994(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
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