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ZNF281 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21118a

Specification

ZNF281 Blocking Peptide (Center) - Product Information

Primary Accession Q9Y2X9

ZNF281 Blocking Peptide (Center) - Additional Information

Gene ID 23528

Other Names
Zinc finger protein 281, GC-box-binding zinc finger protein 1, Transcription factor ZBP-99, Zinc finger DNA-binding protein 99, ZNF281, GZP1, ZBP99

Target/Specificity
The synthetic peptide sequence is selected from aa 416-430 of HUMAN ZNF281

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.

ZNF281 Blocking Peptide (Center) - Protein Information

Name ZNF281

Synonyms GZP1, ZBP99

Function
Transcription repressor that plays a role in regulation of embryonic stem cells (ESCs) differentiation. Required for ESCs differentiation and acts by mediating autorepression of NANOG in ESCs: binds to the NANOG promoter and promotes association of NANOG protein to its own promoter and recruits the NuRD complex, which deacetylates histones. Not required for establishement and maintenance of ESCs (By similarity). Represses the transcription of a number of genes including GAST, ODC1 and VIM. Binds to the G-rich box in the enhancer region of these genes.

Cellular Location
Nucleus.

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ZNF281 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

ZNF281 Blocking Peptide (Center) - Images

ZNF281 Blocking Peptide (Center) - Background

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ZNF281 Blocking Peptide (Center) - References

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