

HEMGN Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP21062a

Specification

HEMGN Blocking Peptide (C-term) - Product Information

Primary Accession

[Q9BXL5](#)**HEMGN Blocking Peptide (C-term) - Additional Information**

Gene ID 55363

Other Names

Hemogen, Erythroid differentiation-associated gene protein, EDAG-1, Hemopoietic gene protein, Negative differentiation regulator protein, HEMGN, EDAG, NDR

Target/Specificity

The synthetic peptide sequence is selected from aa 355-369 of HUMAN HEMGN

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.

HEMGN Blocking Peptide (C-term) - Protein Information

Name HEMGN

Synonyms EDAG, NDR

Function

Regulates the proliferation and differentiation of hematopoietic cells. Overexpression block the TPA-induced megakaryocytic differentiation in the K562 cell model. May also prevent cell apoptosis through the activation of the nuclear factor-kappa B (NF-kB).

Cellular Location

Nucleus.

Tissue Location

Expressed in hematopoietic precursor cells, thyroid and spermatids (at protein level). Expressed in bone marrow, testis, thymus. Expressed in prostate cancer and ovarian cancer. Also expressed in thymus and thyroid tumors, non-Hodgkin lymphoma, various leukemia cell lines, peripheral blood mononuclear cells (PBMCs) and bone marrow mononuclear cells (BMMCs) of patients with

leukemia

HEMGN Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

HEMGN Blocking Peptide (C-term) - Images

HEMGN Blocking Peptide (C-term) - Background

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HEMGN Blocking Peptide (C-term) - References

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Liu C.C.,et al.J. Biomed. Sci. 11:104-116(2004).
Humphray S.J.,et al.Nature 429:369-374(2004).