

**HEMGN Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP21062a

**Specification**

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**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-κB).

**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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Li C.Y.,et al.Cell Death Differ. 11:1299-1308(2004).  
Liu C.C.,et al.J. Biomed. Sci. 11:104-116(2004).  
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