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(Mouse) Gnl3 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP21045a

Specification

(Mouse) Gnl3 Blocking Peptide (C-term) - Product Information

Primary Accession Q8CI11

(Mouse) Gnl3 Blocking Peptide (C-term) - Additional Information

Gene ID 30877

Other Names
Guanine nucleotide-binding protein-like 3, Nucleolar GTP-binding protein 3, Nucleostemin, Gnl3, Ns

Target/Specificity
The synthetic peptide sequence is selected from aa 450-463 of HUMAN Gnl3

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.

(Mouse) Gnl3 Blocking Peptide (C-term) - Protein Information

Name Gnl3

Synonyms Ns

Function
May be required to maintain the proliferative capacity of stem cells (By similarity). Stabilizes MDM2 by preventing its ubiquitination, and hence proteasomal degradation.

Cellular Location
Nucleus. Nucleus, nucleolus. Note=Shuttles between the nucleus and nucleolus. {ECO:0000250|UniProtKB:Q811S9}

Tissue Location
Expressed in the adult bone marrow population that is enriched in hematopoietic stem cells.

(Mouse) Gnl3 Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

(Mouse) Gnl3 Blocking Peptide (C-term) - Images

(Mouse) Gnl3 Blocking Peptide (C-term) - Background

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(Mouse) Gnl3 Blocking Peptide (C-term) - References

Tsai R.Y.L.,et al.Genes Dev. 16:2991-3003(2002).
Carninci P.,et al.Science 309:1559-1563(2005).
Trost M.,et al.Immunity 30:143-154(2009).
Meng L.,et al.Oncogene 30:1716-1726(2011).