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GNL3 Blocking Peptide (N-term)

Synthetic peptide
Catalog # BP21197a

Specification

GNL3 Blocking Peptide (N-term) - Product Information

Primary Accession Q9BVP2

GNL3 Blocking Peptide (N-term) - Additional Information

Gene ID 26354

Other Names
Guanine nucleotide-binding protein-like 3, E2-induced gene 3 protein, Novel nucleolar protein 47, NNP47, Nucleolar GTP-binding protein 3, Nucleostemin, GNL3, E2IG3, NS

Target/Specificity
The synthetic peptide sequence is selected from aa 91-104 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.

GNL3 Blocking Peptide (N-term) - Protein Information

Name GNL3

Synonyms E2IG3, NS

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

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

Tissue Location
Increased levels in lung tissue in cancer patients.

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GNL3 Blocking Peptide (N-term) - Protocols

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

- Blocking Peptides

GNL3 Blocking Peptide (N-term) - Images

GNL3 Blocking Peptide (N-term) - Background

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

GNL3 Blocking Peptide (N-term) - References

Charpentier A.H.,et al.Cancer Res. 60:5977-5983(2000).
Han C.,et al.Int. J. Mol. Med. 16:205-213(2005).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Muzny D.M.,et al.Nature 440:1194-1198(2006).
Andersen J.S.,et al.Curr. Biol. 12:1-11(2002).