



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

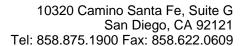
May be required to maintain the proliferative capacity of stem cells.

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).





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.

GNL3 Blocking Peptide (N-term) - Protocols

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

• Blocking Peptides