

**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](#)