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DRAM Blocking Peptide (N-term)

Synthetic peptide
Catalog # BP1825a

Specification

DRAM Blocking Peptide (N-term) - Product Information

Primary Accession	Q8N682
Other Accession	Q9DC58

DRAM Blocking Peptide (N-term) - Additional Information

Gene ID 55332

Other Names
DNA damage-regulated autophagy modulator protein 1, Damage-regulated autophagy modulator, DRAM1, DRAM

Target/Specificity
The synthetic peptide sequence is selected from aa 42-56 of HUMAN DRAM1

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.

DRAM Blocking Peptide (N-term) - Protein Information

Name DRAM1

Synonyms DRAM

Function
Lysosomal modulator of autophagy that plays a central role in p53/TP53-mediated apoptosis. Not involved in p73/TP73-mediated autophagy.

Cellular Location
Lysosome membrane; Multi-pass membrane protein

DRAM Blocking Peptide (N-term) - Protocols

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

- Blocking Peptides

DRAM Blocking Peptide (N-term) - Images

DRAM Blocking Peptide (N-term) - Background

This gene is regulated as part of the p53 tumor suppressor pathway. The gene encodes a lysosomal membrane protein that is required for the induction of autophagy by the pathway. Decreased transcriptional expression of this gene is associated with various tumors. This gene has a pseudogene on chromosome 4.

DRAM Blocking Peptide (N-term) - References

Kerley-Hamilton,J.S., Biochim. Biophys. Acta 1769 (4), 209-219 (2007) Crighton,D., Autophagy 3 (1), 72-74 (2007) Crighton,D., Cell 126 (1), 121-134 (2006) Green,D.R., Cell 126 (1), 30-32 (2006)