



ATRN Blocking Peptide (N-term)

Synthetic peptide Catalog # BP20826a

Specification

ATRN Blocking Peptide (N-term) - Product Information

Primary Accession <u>075882</u>

ATRN Blocking Peptide (N-term) - Additional Information

Gene ID 8455

Other Names

Attractin, DPPT-L, Mahogany homolog, ATRN, KIAA0548, MGCA

Target/Specificity

The synthetic peptide sequence is selected from aa 32-46 of HUMAN ATRN

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.

ATRN Blocking Peptide (N-term) - Protein Information

Name ATRN

Synonyms KIAA0548, MGCA

Function

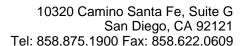
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ATRN Blocking Peptide (N-term) - Background

Involved in the initial immune cell clustering during inflammatory response and may regulate chemotactic activity of chemokines. May play a role in melanocortin signaling pathways that regulate energy homeostasis and hair color. Low-affinity receptor for agouti (By similarity). Has a critical role in normal myelination in the central nervous system (By similarity).

ATRN Blocking Peptide (N-term) - References

Tang W.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:6025-6030(2000). Duke-Cohan J.S.,et al.Submitted (NOV-1998) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Deloukas P.,et al.Nature 414:865-871(2001). Duke-Cohan J.S.,et al.J. Biol. Chem. 270:14107-14114(1995).





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Cellular Location

[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 3]: Secreted

Tissue Location

Isoform 2 is detected in plasma (at protein level). Expressed and secreted by activated T-lymphocytes. Expressed at low to moderate levels in peripheral blood leukocytes, spleen, lymph node, tonsil, bone marrow and fetal liver. At very low levels found in thymus. Isoform 2 is the major isoform in peripheral blood leukocytes

ATRN Blocking Peptide (N-term) - Protocols

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

• Blocking Peptides