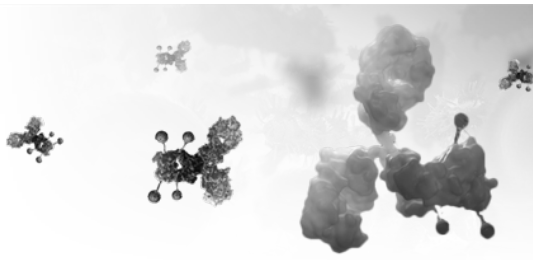

Mouse MDK peptide (DAG-P1778)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a secreted growth factor that belongs to the pleiotrophin/midkine heparin-binding protein family and functions in a variety of biological processes. The encoded cytokine promotes the growth, differentiation, survival and migration of several target cells including leucocytes involved in inflammation. This protein plays a role in the formation of scar tissue and intraperitoneal adhesions, and promotes neurite outgrowth and neuron survival. The protein encoded by this gene is associated with obesity and inhibition of insulin signaling in fat cells. A pseudogene of this gene is present on chromosome 11. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the pleiotrophin family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	Mdk midkine [Mus musculus (house mouse)]
Official Symbol	MDK
Synonyms	MDK; midkine; MK; Mek; retinoic acid-responsive protein; retinoic acid-induced differentiation factor;
Entrez Gene ID	17242

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mRNA Refseq	NM_001012335.2
Protein Refseq	NP_001012335.1
UniProt ID	P12025
Chromosome Location	2 E1; 2 50.63 cM
Pathway	NOTCH2 Activation and Transmission of Signal to the Nucleus, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by NOTCH, organism-specific biosystem; Signaling by NOTCH2, organism-specific biosystem;
Function	growth factor activity; heparin binding;

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