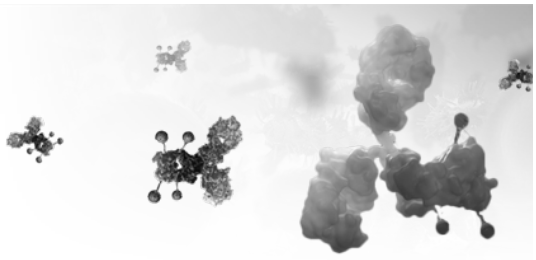

Human MAML1 peptide (DAG-P0806)

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

PRODUCT INFORMATION

Antigen Description	This protein is the human homolog of mastermind, a Drosophila protein that plays a role in the Notch signaling pathway involved in cell-fate determination. There is in vitro evidence that the human homolog forms a complex with the intracellular portion of human Notch receptors and can increase expression of a Notch-induced gene. This evidence supports its proposed function as a transcriptional co-activator in the Notch signaling pathway. [provided by RefSeq, Jul 2008]
Specificity	Widely expressed with highest levels in heart, pancreas, peripheral blood leukocytes and spleen.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the mastermind 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.

GENE INFORMATION

Gene Name	MAML1 mastermind-like 1 (Drosophila) [Homo sapiens (human)]
Official Symbol	MAML1
Synonyms	MAML1; mastermind-like 1 (Drosophila); Mam1; Mam-1; mastermind-like protein 1; mastermind homolog;
Entrez Gene ID	9794

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mRNA Refseq	NM_014757.4
Protein Refseq	NP_055572.1
UniProt ID	Q92585
Chromosome Location	5q35
Pathway	Constitutive Signaling by NOTCH1 HD+PEST Domain Mutants, organism-specific biosystem; Constitutive Signaling by NOTCH1 PEST Domain Mutants, organism-specific biosystem; Delta-Notch Signaling Pathway, organism-specific biosystem; Disease, organism-specific biosystem; FBXW7 Mutants and NOTCH1 in Cancer, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; NOTCH1 Intracellular Domain Regulates Transcription, organism-
Function	peptide antigen binding; protein binding; protein kinase binding; transcription coactivator activity;

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