



## Human MAML1 peptide (DAG-P0807)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	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]
<b>Specificity</b>	Widely expressed with highest levels in heart, pancreas, peripheral blood leukocytes and spleen.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the mastermind family.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">MAML1 mastermind-like 1 (Drosophila) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	MAML1
<b>Synonyms</b>	MAML1; mastermind-like 1 (Drosophila); Mam1; Mam-1; mastermind-like protein 1; mastermind homolog;

<b>Entrez Gene ID</b>	<a href="#">9794</a>
<b>mRNA Refseq</b>	<a href="#">NM_014757.4</a>
<b>Protein Refseq</b>	<a href="#">NP_055572.1</a>
<b>UniProt ID</b>	Q92585
<b>Chromosome Location</b>	5q35
<b>Pathway</b>	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-
<b>Function</b>	peptide antigen binding; protein binding; protein kinase binding; transcription coactivator activity;