



## Human MAML2 peptide (DAG-P0808)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	Acts as a transcriptional coactivator for NOTCH proteins. Has been shown to amplify NOTCH-induced transcription of HES1. Potentiates activation by NOTCH3 and NOTCH4 more efficiently than MAML1 or MAML3.
<b>Specificity</b>	Widely expressed with high levels detected in placenta, salivary gland and skeletal muscle.
<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="#">MAML2 mastermind-like 2 (Drosophila) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	MAML2
<b>Synonyms</b>	MAML2; mastermind-like 2 (Drosophila); MAM2; MAM3; MAM-3; MLL-MAML2; mastermind-like protein 2; mam-2;
<b>Entrez Gene ID</b>	<a href="#">84441</a>
<b>mRNA Refseq</b>	<a href="#">NM_032427.2</a>

<b>Protein Refseq</b>	<a href="#">NP_115803.1</a>
<b>UniProt ID</b>	Q8IZL2
<b>Chromosome Location</b>	11q21
<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>	transcription coactivator activity;