

Product datasheet for **SC208738**

MAML2 (NM_032427) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MAML2 (NM_032427) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAML2
Synonyms:	MAM-3; MAM2; MAM3; MLL-MAML2
ACCN:	NM_032427
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC208738 3'UTR clone of NM_032427
 The sequence shown below is from the reference sequence of NM_032427. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTGATGAAATCTTGGGGAACAATTCCTAAGAAGAAAGGGAAGACAATTTACAACTCCAAGCACTAA
AAGGCAGTATATTACAGAACTCTGTAGAGGCTGAACTGTTGATGTTTCAGGTGGACTACATGAAGATAA
CATGCTTAAAAATGGAAAGCAGAAAGTAACTGCAGTGTGAACATTTTGGTCCAAATTTCTGTTTTAAA
TCTTACACCTGAAAGTAAAAATTTGGGATCACTTTTCCCTGTCTAACTCCAGGATACAGTATCCAATT
TATCCAAACAGAACTGTGGTGTCAATGTGTAATTAATTGTGTAATAATAGCCTTCCCAAGTTTCTTTTTC
CCTGGAAAATAAAAAAGGTAATAGAACTGTAGTTTTATTTAAACCCCATGTCATGAGGAGGTAAGT
CCAAGCAACAACTCCTTAATTTGCTCTAATAGATAGGTATGGTTAATCTTTCCATTGTGCTTTTCA
TTTAATTTTCTGAAGCTTGCAGGATAGATTGAAATGTTATAGGTTTGTGGAGTAACCAACAGTAT
GCAAAATTAAGAAAAGCCAGAGAACCTAGAAAACATCCAGTGGATTACAGAAATTTCTCCCATATTCA
CTCCTCACTTTTACAATTTTCCACAATCCTCTACTTCACTGGGATGCTGTGTCTAGTGATTAACAAA
AATATAGAGCTGTGCAATTTGATTTTGGCTTCCACAACGAATATCTGAATCCATTCCAAATGAAATTTT
AGATATAACAAAGACTTGTCTAATCATACTGAAATATTGGTGCACACCTCTCTGCATTAGATTTCACT
TTTTTAAAAAACCCAGTGGACATTGCTATAAAATAAGATTTATTTGGTACAAAATAACCTGGGATGTTGC
TTATTATGATTGATGCCTGCTGGTTTGTCCCAAGCTGAGTGAATTTGAACCTCGTCTCCCTACTCAT
TTTGATGACTGAGGCTGGTTTATAAGAAAAGGAAGTTTGGAGAAGAAAACCGAGATTAGAAAATATCAT
GTTTTGGTTGGAGATAAGAACCAGGGATGGCAAGTACCAGTGTGTACAAATGATTTTACGGGATTTGA
AGGAACGCATAAATCAAGAGGGAAAAACAATTTGCTTTCATTGGACGTATTATTTGGATTTGGGTGAGCA
ACAAAATGGAATGTGGTCTGTTAGGAGCATTCTGTTTGTCTTTTGTCCCTGATGTGATGAATCATTGC
CACATGCTAGATGGACTTTCATATCCAGGTTTTGTCCCTCAGGGCTGAGCACTGTATTAAGAGTTTTT
TGTTGAGTCATTTAACCTTAGTGTCCACATCCAGATCAGCTGTAATAAGGGGAAGACGTGTGCTGATTT
GGAATGAATGCAAAATATCACTATCATTTCCTAATTACAGAGGAGCAAAGGTTATCTTCAGCCCTTTC
AGTTCTATGCTCACATATCAAATATCAAATGTAATTTAGCTGAAGTTATTTAATAATCAAGTCTTTCA
ATATCTGTTCAAAGAAAAAGAACACACTTTGAAAATCTGCAAAGCTGTCTCCAGTCTTTAAAATGTC
TGGAAGCACTCTCCTTTTACAATACCAACATCACTGGCCAGAACTCTCCCTGTGCTAGTTTGTAAA
TATAAATAAATACTTGTGTTTGTAACTTTTGTAAAGAATATTTTGGTAGAAATACTTCAAACATATTC
TTTGGTTATATTTATACATATGTGAAATAAATACTATCAAAAAGGTTATATTTATACAAAAGTAA
ATTGCTACCTTTTGTATGCTAATATGCAAAGTTTTGTATAATATGATGGTTTATTTTGTAGCTCTACT
TAAACCATAGGTGGTTGAGTGGGAACCTTTTGAACACTATCAAGAGGCTTGTAGACAAATTTATATTCT
GAAACCTCAATAAGAAAGCATTCCAGGTTTCAATCCTTGTGTTTTTGTCTGCTCCCAATTTCTTTTTT
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_032427.4](#)

Summary:

The protein encoded by this gene is a member of the Mastermind-like family of proteins. All family members are proline and glutamine-rich, and contain a conserved basic domain that binds the ankyrin repeat domain of the intracellular domain of the Notch receptors (ICN1-4) in their N-terminus, and a transcriptional activation domain in their C-terminus. This protein binds to an extended groove that is formed by the interaction of CBF1, Suppressor of Hairless, LAG-1 (CSL) with ICN, and positively regulates Notch signaling. High levels of expression of this gene have been observed in several B cell-derived lymphomas. Translocations resulting in fusion proteins with both CRTC1 and CRTC3 have been implicated in the development of mucoepidermoid carcinomas, while a translocation event with CXCR4 has been linked with chronic lymphocytic leukemia (CLL). Copy number variation in the polyglutamine tract has been observed. [provided by RefSeq, Jan 2015]

Locus ID:

84441

MW:

76.4