

## Recombinant Human MYB

**Cat. No.** MYB-28009TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human c-Myb with an N terminal proprietary tag; predicted mwt: 96.47 kDa inclusive of tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	640 amino acids
<b>Description</b>	This gene encodes a transcription factor that is a member of the MYB family of transcription factor genes. The protein contains three domains, an N-terminal DNA-binding domain, a central transcriptional activation domain and a C-terminal domain involved in transcriptional repression. This protein plays an essential role in the regulation of hematopoiesis and may play a role in tumorigenesis. Alternative splicing results in multiple transcript variants.
<b>Molecular Weight</b>	96.470kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

**Sequences of amino acids**

MARRPRHSIYSSDEDDDFEMCDHDYDGLLPKSGKRHLGK TRWTREEDEKLKLV  
 EQNGTDDWKVIANYLPNRTDVQCQH RWQKVLNPELIKGPWTKEEDQRVIELVQKY  
 GPKRWSVIAK HLGKGRIGKQCRERWHNHLNPEVKKTSWTEEEEDRIIYQAHK RLGNR  
 WAEIAKLLPGRTDNAIKNHWNSTMRRKVEQEGYLQ ESKASQPAVATSFQKNSHL  
 MGFAQAPPTAQLPATGQPTV NNDYSYYHISEAQNVSSHVPYPVALHVNIVNVPQPA  
 AAAI QRHYNDEDPEKEKRIKELELLLMSTENELKGQQVLPTQNH TCSYPGWHSTTI  
 ADHTRPHGDSAPVSCLGEHHSTPSLPAD PGSLPEESASPARCMIVHQQGTILDNVKN  
 LLEFAETLQFID SFLNTSSNHENS DLEMPSLTSTPLIGHKLTVTTPFHRDQT VKTQKE  
 NTVFRTPAIKRSILESSPRTPTPFKHALAAQEIK YGPLKMLPQTPSHLVEDLQDVIKQ  
 ESDSGIVAEFQENGP PLLKKIKQEVESPTDKSGNFFC SHHWEGDSLNTQLFTQTS  
 PVADAPNILTSSVLMAPASEDEDNVLKAFTV PKNRSLASP LQPCSSTWEPASCGKM  
 EEQMTSSSQARKYVNAFSARTLVM

**Sequence Similarities**

Contains 3 HTH myb-type DNA-binding domains.

## GENE INFORMATION

**Gene Name** [MYB v-myb myeloblastosis viral oncogene homolog \(avian\) \[ Homo sapiens \]](#)

**Official Symbol** [MYB](#)

**Synonyms** MYB; v-myb myeloblastosis viral oncogene homolog (avian); v myb avian myeloblastosis viral oncogene homolog; transcriptional activator Myb; c myb;

**Gene ID** [4602](#)

**mRNA Refseq** [NM\\_001130172](#)

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<b>Protein Refseq</b>	NP_001123644
<b>MIM</b>	189990
<b>Uniprot ID</b>	P10242
<b>Chromosome Location</b>	6q22-q23
<b>Pathway</b>	C-MYB transcription factor network, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Hemostasis, organism-specific biosystem;
<b>Function</b>	DNA binding; protein binding;

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