

Recombinant Human MYB

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

SPECIFICATION

Product Overview	Recombinant full length Human c-Myb with an N terminal proprietary tag; predicted mwt: 96.47 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	640 amino acids
Description	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.
Molecular Weight	96.470kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

MARRPRHSIYSSDEDDFEMCDHDYDGLLPKSGKRHLGK TRWTREEDEKLKKLV
EQNGTDDWKVIANYPNRTDVQCQH RWQKVLNPELIKGPWTKEEDQRVIELVQKY
GPKRWSVIAK HLGKGRIGKQCRERWHNHLNPEVKKTSWTEEEEDRIIYQAHK RLGNR
WAEIAKLLPGRTDNAIKNHNWNSTMRKVEQEGYLQ ESKASQPAVATSFQKNSHL
MGFAQAPPTAQLPATGQPTV NNDYSYYHISEAQNVSSHVPYPVALHVNIVNVPQPA
AAAI QRHYNDEDPEKEKRIKELELLLMSTENELKGQQVLPTQNH TCSYPGWHSTTI
ADHTRPHGDSAPVSCLGEHHSTPSLPAD PGSLPEESASPARCMIVHQGTILDNVKN
LLEFAETLQFID SFLNTSSNHENSLEMPSLTSTPLIGHKLTVTTPFHRDQT VKTQKE
NTVFRTPAIKRSILESSPRTPTPFKHALAAQEIK YGPLKMLPQTPSHLVEDLQDVIKQ
ESDESGIVAEFQENGP PLLKKIKQEVESEPTDKSGNFFCSHHWEGDSLNTQLFTQTS
PVADAPNILTSSVLMAPASEDEDNVLKAFTVPKNRSLASP 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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Protein Refseq	NP_001123644
MIM	189990
Uniprot ID	P10242
Chromosome Location	6q22-q23
Pathway	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;
Function	DNA binding; protein binding;

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