

## Recombinant Full Length Human MYB Protein

**Cat. No.** MYB-322HF    **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>           | In Vitro Cell Free System  |
| <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>Form</b>             | Liquid   |
| <b>Molecular Mass</b>   | 96.470kDa inclusive of tags  |
| <b>AA Sequence</b>      | MARRPRHSIYSSDEDDFEMCDHDYDGLLPKSGKRHLGK TRWTREEDEKLKLV<br>EQNGTDDWKVIANYPNRTDVQCQH RWQKVLNPELIKGPWTKEEDQRVIELVQKY<br>GPKRWSVIAK HLGKGRIGKQCRERWHNHLNPEVKKTSWTEEEEDRIIYQAHK RLGNR<br>WAEIAKLLPGRTDNAIKNHWNSTMRRKVEQEGYLQ ESKASQPAVATSFQKNSHL<br>MGFAQAPPTAQLPATGQPTV NNDYSYYHISEAQNVSSHVPYPVALHVNIVNVPQPA  |

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AAAI QRHYNDEDPEKEKRIKELELLLMSTENELKGQQVLPTQNH TCSYPGWHSTTI  
 ADHTRPHGDSAPVSCLEHHSTPSLPAD PGSLPEESASPARCMIVHQGTILDNVKN  
 LLEFAETLQFID SFLNTSSNHENS DLEMPSLTSTPLIGHKLTVTTPFHRDQT VKTQKE  
 NTVFRTPAIKRSILESSPRTPTPFKHALAAQEIK YGPLKMLPQTPSHLVEDLQDVIKQ  
 ESDESGIVAEFQENGP PLLKKIKQEVESPTDKSGNFFCSHHWEGDSLNTQLFTQTS  
 PVADAPNILTSSVLMAPASEDEDNVLKAFTVPKNRSLASP LQPCSSTWEPASCGKM  
 EEQMTSSSQARKYVNAFSARTLVM

**Purity** Proprietary Purification

**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## 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

**Protein Refseq** NP\_001123644

**MIM** 189990

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UniProt ID

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