

# Recombinant Full Length Human MYB Protein, GST-tagged

Cat. No. MYB-6649HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human MYB full-length ORF ( NP_005366.2, 1 a.a. - 640 a.a.) recombinant protein with GST-tag at N-terminal.
<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. [provided by RefSeq]
<b>Molecular Mass</b>	98.7 kDa
<b>AA Sequence</b>	MARRPRHSIYSSDEDDDFEMCDHDYDGLLPKSGKRHLGKTRWTREEDEKLKLLV EQNGTDDWKVIANYPNRTDVQCQHRWQKVLNPELIKGPWTKEEDQQRVIELVQKY GPKRWSVIAKHLKGRIGKQCRERWHNHLNPEVKKTSWTEEDRIIYQAHKRLGNRW AEIAKLLPGRTDNAIKNHWNSTMRRKVEQEGYLQESSKASQPAVATSFQKNSHLMG FAQAPPTAQLPATGQPTVNNDYSYYHISEAQNVSSHVPYPVALHVNIVNVPQAAAA IQRHYNDEDPEKEKRIKELELLLMSTENELKGQQVLPTQNHTCSYPGWHSTTIADHT RPHGDSAPVSCLGEHHSTPSLPADPGSLPEESASPARCMIVHQGTILDNVKNLLEFA

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ETLQFIDSFLNTSSNHENS DLEMP SLTSTPLIGHKLT VTT PPFHRDQTVKTQKENTVFR  
 TPAIKRSILESSPRTPTPFKHALAAQEIKYGPLKMLPQTSPHLVEDLQDVIKQESDES  
 GIVAEFQENGPPLLKKIKQEVESPTDKSGNFFCSHHWEGDSLNTQLFTQTSPVADAP  
 NILTSSVLMAPASEDEDNVLKAFTVPKNRS LASPLQPCSSTWEPASCGKMEEQMTS  
 SSQARKYVNAFSARTLVM

**Applications**  
 Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**  
 Best use within three months from the date of receipt of this protein.

**Storage**  
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**  
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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; c-myb8B\_CDS; c-myb10A\_CDS; c-myb13A\_CDS; c-myb14A\_CDS; proto-oncogene c-Myb; c-myb protein (140 AA); efg; Cmyb; c-myb; c-myb\_CDS;

**Gene ID**  
 4602

**mRNA Refseq**  
 NM\_001130172

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**Protein Refseq** NP\_001123644

**MIM** 189990

**UniProt ID** P10242

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