

Recombinant Full Length Human MYB Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human MYB full-length ORF (NP_005366.2, 1 a.a. - 640 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
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. [provided by RefSeq]
Molecular Mass	98.7 kDa
AA Sequence	MARRPRHSIYSSDEDDFEMCDHDYDGLLPKSGKRHLGKTRWTRREEDEKLKKLV EQNGTDDWKVIANYPNRTDVQCQHRWQKVLNPELIKGPWTKEEDQRVIELVQKY GPKRWSVIAKHLKGRIGKQCRERWHNHLNPEVKKTSWTEEDRIIYQAHKRLGNRW AEIAKLLPGRTDNAIKNHWNSTMRRKVEQEGYLQESSKASQPAVATSFQKNSHLMG FAQAPPTAQLPATGQPTVNNDYSYYHISEAQNVSSHVPYPVALHVNIVNVPQAAAA IQRHYNDEDPEKEKRIKELELLLMSTENELKGQQVLPTQNHHTCSYPGWHSTTIADHT RPHGDSAPVSLGEGHSTPSLPADPGSLPEESASPARCMIVHQGTILDNVKNLLEFA

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ETLQFIDSFLNTSSNHENS DLEMP SLTSTPLIGHKLT VTT PPHRDQTVKTQKENTVFR
 TPAIKRSILESSPRTPTPFKHALAAQEIKYGPLKMLPQT PSHLVEDLQDVIKQESDES
 GIVAEFQENG PPLLKKIKQEVE SPTDKSGNFFCSHHWEGDSLNTQLFTQTSPVADAP
 NILTSSVL MAPASEDEDNV LKAFTVPKNRSLASPLQPCSSTWEPASCGKMEEQMTS
 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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