

Recombinant Human MYB Protein, GST-tagged

Cat. No. MYB-5777H 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	Wheat Germ
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	MARRPRHSIYSSDEDDDFEMCDHDYDGLLPKSGKRHLGKTRWTREEDEKLKKLV EQNGTDDWKVIANYLPNRTDVQCQHRWQKVLNPELIKGPWTKEEDQRVIELVQKY GPKRWSVIAKHLKGRIGKQCRERWHNHLNPEVKKTSWTEEDRIIYQAHKRLGNRW AEIAKLLPGRTDNAIKNHWNSTMRRKVEQEGYLQESSKASQPAVATSFQKNSHLMG FAQAPPTAQLPATGQPTVNNDYSYYHISEAQNVSSHVPYPVALHVNIIVNPQAAAA IQRHYNDEDPEKEKRIKELELLLMSTENELKGQQLPTQNHTCSYPGWHSTTIADHT RPHGDSAPVSCLGEHHSTPSLPADPGSLPEESASPARCMIVHQGTILDNVKNLLEFA ETLQFIDSFLNTSSNHENS DLEMP SLTSTPLIGHKLVTTTPFHRDQTVKTQKENTVFR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



TPAIKRSILESSPRTPTPFKHALAAQEIKYGPLKMLPQTPSHLVEDLQDVIKQESDES
GIVAEFQENGPPLLKKIKQEVEESPTDKSGNFFCSHHWEGDSLNTQLFTQTSPVADAP
NILTSSVLMAPASEDEDNVLKAFTVPKNRSLASPLQPCSSTWEPASCGKMEEQMTS
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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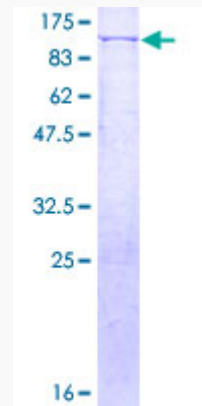
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Protein Refseq NP_001123644

MIM 189990

UniProt ID P10242

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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