

Recombinant Full Length Human MYB Protein

Cat. No. MYB-322HF **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	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.
Form	Liquid
Molecular Mass	96.470kDa inclusive of tags
AA Sequence	MARRPRHSIYSSDEDDFEMCDHDYDGLLPKSGKRHLGK TRWTREEDEKLKKLV EQNGTDDWKVIANYPNRTDVQCQH RWQKVLNPELIKGPWTKEEDQRVIELVQKY GPKRWSVIAK HLKGRIGKQCRERWHNHLNPEVKKTSWTEEDRIIYQAHK RLGNR WAEIAKLLPGRTDNAIKNHWNSTMRRKVEQEGYLQ ESKASQPAVATSFQKNSHL MGFAQAPPTAQLPATGQPTV NNDYSYYHISEAQNVSSHVPYPVALHVNIVNVPQPA

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AAAI QRHYNDEDPEKEKRIKELELLLMSTENELKGQQVLPTQNH TCSYPGWHSTTI
ADHTRPHGDSAPVSLGEGHSTPSLPAD PGS LPEESASPARCMIVHQGTILDNVKN
LLEFAETLQFID SFLNTSSNHENS DLEMPSLTSTPLIGHKLTVTTPFHRDQT VKTQKE
NTVFRTPAIKRSILESSPRTPTPFKHALAAQEIY 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

P10242

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