

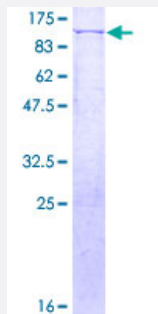
Full-Length

MYB (Human) Recombinant Protein (P01)

Catalog # H00004602-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MYB full-length ORF (NP_005366.2, 1 a.a. - 640 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MARRPRHSIYSSDEDDFEMCDHDYDGLLPKSGKRHLGKTRWTREEDEKLKKLVEQNGTDDW
KVIANYLPNRTDVQCQHRWQKVLNPELIKGPWTKEEDQRVIELVQKYGPKRWSVIKHLKGRIGK
QCRERWHNHLNPEVKKTSWTEEDRIIYQAHKRLGNRWAEIAKLLPGRTDNAIKNHWNSTMRRKV
EQEGLQESSKASQPAVATSFQKNSHLMGFAQAPPTAQLPATGQPTVNNDYSYYHISEAQNVSS
HVPYPVALHVNVMNVPQAAAAIQRHYNDEDPEKEKRIKELELLLMSTENELKGQQVLPTQNHTCS
YPGWSTTIADHTRPHGDSAPVSCLEHHSTPSLPADPGSLPEESASPARCMVHQGTILDNVKN
LLEFAETLQFIDSFLNTSSNHENSLEMPSTSTPLIGHKLTVTTPFHRDQTVKTQKENTVFRTPAIK
RSILESSPRTPTPFKHALAAQEIKYGPLKMLPQTPSHLVEDLQDVIKQESDESGMAEFQENGPPLL
KKIKQEVESPTDKSGNFFCSHHWEGDSLNTQLFTQTSPVADAPNILTSSVLMAPASEDEDNVLK
AFTVPKNRSLASPLQPCSSTWEPASCGKMEEQMTSSSQARKYVNAFSARTLVM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

98.7

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — MYB

Entrez GeneID	4602
GeneBank Accession#	NM_005375.2
Protein Accession#	NP_005366.2
Gene Name	MYB
Gene Alias	Cmyb, c-myb, c-myb_CDS, efg
Gene Description	v-myb myeloblastosis viral oncogene homolog (avian)
Omim ID	189990
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	Avian myeloblastosis viral (v-myb) oncogene homolog OTTHUMP00000017258 c-myb protein (140 AA) c-myb10A_CDS c-myb13A_CDS c-myb14A_CDS c-myb8B_CDS v-myb avian myeloblastosis viral oncogene homolog v-myb myeloblastosis viral oncogene homolog

Disease

- [alpha-Thalassemia](#)
- [Anemia](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [beta-Thalassemia](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Graft Occlusion](#)
- [Hypertension](#)
- [Myocardial Infarction](#)
- [Nasal Polyps](#)
- [Obesity](#)
- [Pain](#)
- [Thalassemia](#)