

Recombinant Human MYB protein, His & T7-tagged

Cat. No. MYB-1443H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human MYB aa. (Thr305~Gln558 (Accession # P10242)) fused with N-terminal His & T7 tag was produced in E. coli cells. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Thr305~Gln558 |
| Description | This gene encodes a protein with three HTH DNA-binding domains that functions as a transcription regulator. This protein plays an essential role in the regulation of hematopoiesis. This gene may be aberrantly expressed or rearranged or undergo translocation in leukemias and lymphomas, and is considered to be an oncogene. Alternative splicing results in multiple transcript variants. |
| Form | Freeze-dried powder |
| Molecular Mass | 38kDa as determined by SDS-PAGE reducing conditions. |
| Endotoxin | <1.0EU per 1g (determined by the LAL method). |
| Purity | >95% |
| Characteristic | The isoelectric point is 6. |

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| Applications | SDS-PAGE; WB; ELISA; IP |
| Stability | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Storage | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| Storage buffer | Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative. |
| Reconstitution | Reconstitute in sterile ddH ₂ O. |

GENE INFORMATION

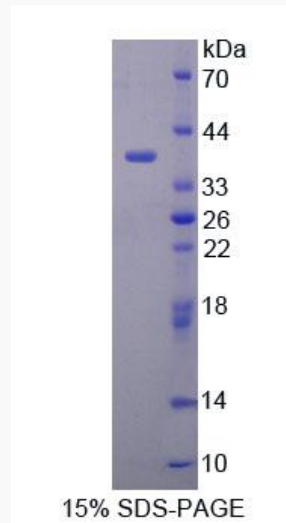
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|------------------------|---|
| Gene Name | MYB MYB proto-oncogene, transcription factor [Homo sapiens (human)] |
| Official Symbol | MYB |
| Synonyms | efg; Cmyb; c-myb; c-myb_CDS; oncogene AMV; proto-oncogene c-Myb; v-myb avian myeloblastosis viral oncogene homolog; transcriptional activator Myb |
| Gene ID | 4602 |
| mRNA Refseq | NM_001130172.1 |
| Protein Refseq | NP_001123644.1 |
| UniProt ID | P10242 |

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SDS-PAGE



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