Recombinant Human MYB protein, His & T7-tagged

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

SPECIFICATION

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 aberrently 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 1μg (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 6.

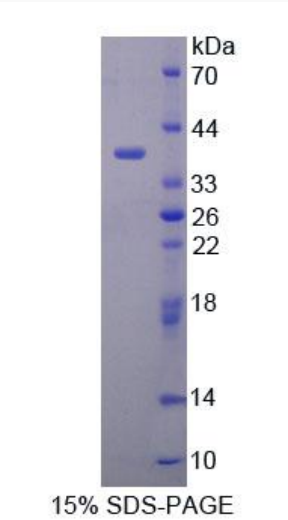
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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and 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 ddH2O.

GENE INFORMATION

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	 15% SDS-PAGE

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