

Recombinant Human MYC protein, T7/His-tagged

Cat. No. MYC-254H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYC fused with T7/His tag was expressed in E. coli.
Species	Human
Source	E.coli
Form	Purified myc protein is supplied in 50 mM Tris, pH 8.0, 250 mM NaCl, 0.75% sarcosine, 10 mM beta mercaptoethanol.
Molecular Mass	~65 kda
Purity	>95%
Applications	Recombinant c-myc protein is suitable for ELISA or other applications where protein is required.
Stability	6-12 months at –20 centigrade or below.
Storage	Short-term: unopened, undiluted liquid vials for less than a week at 4 centigrade and powder at -20 centigrade. Long-term: at –20 centigrade or below in suitable aliquots after reconstitution. Do not freeze and thaw and store working, diluted solutions.
Concentration	1 mg/ml
Shipping	4 centigrade for solutions and room temp for powder.

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GENE INFORMATION

Gene Name	MYC v-myc myelocytomatosis viral oncogene homolog (avian) [Homo sapiens]
Official Symbol	MYC
Synonyms	MYC; v-myc myelocytomatosis viral oncogene homolog (avian); v myc avian myelocytomatosis viral oncogene homolog; myc proto-oncogene protein; bHLHe39; c Myc; proto-oncogene c-Myc; transcription factor p64; class E basic helix-loop-helix protein 39; avian myelocytomatosis viral oncogene homolog; v-myc avian myelocytomatosis viral oncogene homolog; myc-related translation/localization regulatory factor; MRTL; c-Myc;
Gene ID	4609
mRNA Refseq	NM_002467
Protein Refseq	NP_002458
MIM	190080
UniProt ID	P01106
Chromosome Location	8q24
Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Apoptosis, organism-specific biosystem; Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; C-MYB transcription factor network, organism-specific biosystem; C-MYC pathway, organism-specific biosystem;

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Function

DNA binding; DNA binding; E-box binding; protein binding; protein complex binding; repressing transcription factor binding; sequence-specific DNA binding transcription factor activity; transcription factor binding;

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