Recombinant Mouse Myc, Arg-tagged

Cat. No. Myc-71M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse c-Myc-polyR is produced with our E. coli expression system. The target protein is expressed with sequence (Met1-Ala439) of Mouse c-Myc fused with a poly-Arginine tag at the C-terminus.
Species	Mouse
Source	E.coli
ProteinLength	1-439 a.a.
AA Sequence	MPLNVNFTNRNYDLDYDSVQPYFICDEEENFYHQQQQSELQPPAPSEDIWKKFELL PTPPLSPSR RSGLCSPSYVAVATSFSPREDDDGGGGNFSTADQLEMMTELLGGDM VNQSFICDPDDETFIKNII IQDCMWSGFSAAAKLVSEKLASYQAARKDSTSLSPARG HSVCSTSSLYLQDLTAAASECIDPSVV FPYPLNDSSSPKSCTSSDSTAFSPSSDSLL SSESSPRASPEPLVLHEETPPTTSSDSEEEQEDEE EIDVVSVEKRQTPAKRSESGS SPSRGHSKPPHSPLVLKRCHVSTHQHNYAAPPSTRKDYPAAKRA KLDSGRVLKQIS NNRKCSSPRSSDTEENDKRRTHNVLERQRRNELKRSFFALRDQIPELENNEKA PKV VILKKATAYILSIQADEHKLTSEKDLLRKRREQLKHKLEQLRNSGA
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

GENE INFORMATION

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Gene Name	Myc myelocytomatosis oncogene [Mus musculus]
Official Symbol	Myc
Synonyms	MYC; myelocytomatosis oncogene; myc proto-oncogene protein; c-myc proto-oncogene; transcription factor p64; Myc2; Nird; Niard; bHLHe39; AU016757;
Gene ID	17869
mRNA Refseq	NM_001177352
Protein Refseq	NP_001170823
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; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem;
Function	DNA binding; DNA binding; E-box binding; double-stranded DNA binding; protein binding; protein complex binding; protein heterodimerization activity; repressing transcription factor binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription factor binding;

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