

Recombinant Full Length Human MYC, His-tagged

Cat. No. MYC-1029H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanMYC full-length protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by nickel NTA affinity chromatography.
Species	Human
Source	E.coli
ProteinLength	1-454 a.a.
Description	c-Myc is a conserved cellular gene. The gene product is a nuclear-bound 62,000 molecular weight phosphoprotein (p62c-myc). The nuclear p62c-myc content increased with DNA synthesis in tumors and mucosa.
Formulation	50 µg recombinant protein in Renaturation buffer (20 mM Tris-HCl , 150 mM NaCl, 1 mM EDTA, 5 mM Glutathione,0.5 mM GSSH and 10% Glycerol), lyophilized.Reconstitute the contents using sterile water no less than 100 µg/ml.
Molecular weight	62 kDa
Purity	> 90% by SDS PAGE and coomassie blue staining.
Usage	It can be used for WB, ELISA.
Storage	Upon receiving, the proteins can be stored at 4°C. After reconstitution,store the working aliquots at -80°C. Avoid repeated freeze and thaw.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	MYC v-myc myelocytomatosis viral oncogene homolog (avian) [Homo sapiens]
Synonyms	MYC; v-myc myelocytomatosis viral oncogene homolog (avian); MRTL; c-Myc; bHLHe39; avian myelocytomatosis viral oncogene homolog; v-myc avian myelocytomatosis viral oncogene homolog; myc-related translation/localization regulatory factor
Gene ID	4609
mRNA Refseq	NM_002467
Protein Refseq	NP_002458
MIM	190080
UniProt ID	P01106
Chromosome Location	8q24
Pathway	Acute myeloid leukemia; Bladder cancer; Chronic myeloid leukemia; Colorectal cancer; ErbB signaling pathway; Colorectal cancer; Jak-STAT signaling pathway; MAPK signaling pathway; Pathways in cancer; Small cell lung cancer; Small cell lung cancer; Thyroid cancer; Wnt signaling pathway
Function	protein binding; transcription factor activity

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