

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 |

 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