AscentGene, Inc.
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Gaithersburg, MD 20878

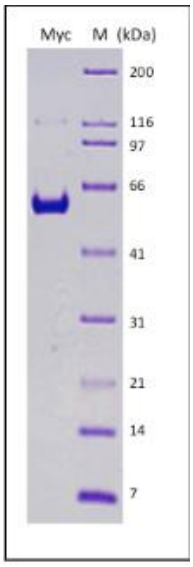
Recombinant Human c-Myc Protein

Catalog Number	Size
AG219-10	10ug
AG219-25	25ug
AG219-B	Bulk

Specifications and Use

Description

Recombinant human myc proto-oncogene protein produced in E.coli is a single nonglycosylated polypeptide with a 8His tag at the C-terminus. It contains 452 (442+10) amino acids having a predicted molecular mass of approximately 50.4kD, but migrates in SDS-PAGE with an apparent molecular mass of 60kD.



MASMPLNVSFTNRNYDLDYDSVQPYFYCDEEENFYQQQQQSELQPPAPSE
DIWKKFELLPTPPLSPSRRSGLCSPSYVAVTPFSLRGDNDGGGGSFSTAD
QLEMVTELLGGDMVNQSFICDPDDETFIKNIIIQDCMWSGFSAAAKLVSE
KLASYQAARKDSGSPNPARGHSVCSTSSLYLQDLSAAASECIDPSVVFPY
PLNDSSSPKSCASQDSSAFSPSSDSLLSSTESSPQGSPEPLVLHEETPPT
TSSDSEEEQEDEEEIDVVSVEKRQAPGKRSESGSPSAGGHSKPPHSPLVL
KRCHVSTHQHNYAAPPSTRKDYPAAKRVKLDSVRVLRQISNNRKCTSPRS
SDTEENVKRRTHNVLERQRRNELKRSFFALRDQIPELENNEKAPKVVILK
KATAYILSVQAEEQKLISEEDLLRKRREQLKHKLEQLRNSCALEHHHHHHH H

Accession Number NM_002467

Source E. coli

Molecular Mass ~50kDa

Purity ≥90%, as determined by SDS-PAGE

Biological Activity c-Myc protein is a multi-functional protein involved in cell cycle progression, apoptosis, cellular transformation and transcriptional regulation. Recombinant c-Myc protein is ideal for the studies of protein-protein interactions and other related function assays.

Formulation 20mM Tris-Cl (pH7.9), 20% Glycerol, 100mM NaCl, 1mM DTT and 0.5mM EDTA

Storage The protein sample can be stored under sterile conditions at 2- 8oC for one month or at -70oC for three months without detectable loss of activity.
Avoid repeated freeze-thaw cycles

Special Notes **FOR RESEARCH ONLY**