AscentGene, Inc.

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Recombinant Human c-Myc (E. coli)

Catalog Number	Size
AG219-20	20ug
AG219-100	100ug
AG219-B	Bulk

Specifications and Use

Description

Recombinant human myc proto-oncogene protein produced in E.coli is a single non-glycosylated 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
KATAYILSVQAEEQKLISEEDLLRKRREQLKHKLEQLRNSCALEHHHHHH
HH

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