

Product Information

MemDX™ Membrane Protein Drosophila melanogaster Myc (Myc protein) for Antibody

Discovery

Cat. No.: **MP1551J**

This product is for research use only and is not intended for diagnostic use.

This product is Drosophila melanogaster Myc membrane protein expressed in Yeast, *E.coli*, In Vivo Biotinylation, Baculovirus, or Mammalian cell. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Drosophila melanogaster

Target Protein

Myc

Protein Length

Partial

Protein Class

Drug Target

Product Description

Expression Systems

Yeast

E.coli

In Vivo Biotinylation in *E.coli*

Baculovirus

Mammalian cell

Tag

N-His or Tag-Free

Form

Lyophilized powder

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-58% of glycerol (final concentration).

Purity

>85% as determined by SDS-PAGE

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

Myc

Full Name

Myc protein

Introduction

Participates in the regulation of gene transcription. Binds DNA in a non-specific manner, yet also specifically recognizes the core sequence CAC[GA]TG. Seems to activate the transcription of growth-related genes; required for cellular proliferation and growth. Functions in the TORC2-mediated regulation of cell growth, acting downstream of the TORC2 complex. Inhibits the demethylase activity of Lid. Activates transcription of mbm. Has a role in ribosome biogenesis and endoreplication in fat body cells by activating the transcription of LTV1. Able to induce the SCF E3 ubiquitin-protein ligase member archipelago (ago) which functions in its degradation. It may therefore create a negative feedback loop with ago that is regulated by the ubiquitin hydrolase puf.

Alternative Names

Myc; dm; CG10798; Myc protein; Diminutive protein; dMyc1; anon-WO03040301.171; bHLHe57; c-myc; c-Myc; c-MYC; CG10798; cMyc; d-myc; D-Myc; dm; Dm; DM; dm/dMyc; dm/myc; Dmel\CG10798; dmyc; dMyc; dMYC; Dmyc; DMYc; dmyc1; dMyc1; EG:BACN519.1; I(1)G0139; I(1)G0354; I(1)G0359; myc; MYC

Gene ID

[31310](#)

UniProt ID

[Q9W4S7](#)