

Product Information

MemDX™ Membrane Protein Mouse Myc (Myelocytomatosis oncogene) with N-GST for Antibody Discovery

Cat. No.: **MP1517J**

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

This product is a 76.0 kDa Mouse Myc membrane protein expressed in *E.coli*. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Mouse

Target Protein

Myc

Protein Length

Full length

Protein Class

Drug Target

Molecular Weight

76.0 kDa

Sequence

MPLNVNFTNRNYDLDYDSVQPYFICDEEENFYHQQQQSELQPPAPSEDIWKKFELLPTPPLSPSRRSGLCSPSYVAVATSFSPRED

Product Description

Expression Systems

E.coli

Tag

N-GST

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 5-50% of glycerol (final concentration).

Purity

>90% as determined by SDS-PAGE

Buffer

Liquid: Tris/PBS-based buffer, 5%-50% glycerol

Lyophilized powder: 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

Myelocytomatosis oncogene

Introduction

Transcription factor that binds DNA in a non-specific manner, yet also specifically recognizes the core sequence 5'-CAC[GA]TG-3'. Activates the transcription of growth-related genes. Binds to the VEGFA promoter, promoting VEGFA production and subsequent sprouting angiogenesis. Regulator of somatic reprogramming, controls self-renewal of embryonic stem cells. Functions with TAF6L to activate target gene expression through RNA polymerase II pause release.

Alternative Names

Myc; Myc proto-oncogene protein; Proto-oncogene c-Myc; Transcription factor p64; N; Myc2; Nird; Niard; bHLHe3; bHLHe39; AU016757; transcription factor p64; c-myc proto-oncogene

Gene ID

[17869](#)

UniProt ID

[P01108](#)