

# Product Information

## MemDX™ Membrane Protein Mouse Myc (Myelocytomatosis oncogene) for Antibody

### Discovery

Cat. No.: **MP1518J**

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

This product is Mouse 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

Mouse

#### Target Protein

Myc

#### Protein Length

Full length

#### Protein Class

Drug Target

#### Sequence

MPLNVNFTNR NYDLDYDSVQ PYFICDEEEN FYHQQQQSEL QPPAPSEDIW KKFELLPTTP LSPSRRSGLC  
SPSYVAVATS FSPREDDDG GGNFSTADQL EMMTELLGGD MVNQSFCIDP DDETFIKNII IQDCMWSGFS  
AAAKLVSEKL ASYQAARKDS TSLSPARGHS VCSTSSLYLQ DLTAASECI DPSVVFPYPL NDSSSPKSCT  
SSDSTAFSPS SDSLLSSESS PRASPEPLVL HEETPPTTSS DSEEEQEDEE EIDVVSVEKR QTPAKRSESG  
SSPSRGHSKP PHSPLVLKRC HVSTHQHNYA APPSTRKDYP AAKRAKLDSG RVLKQISNNR KCSSPRSSDT  
EENDKRRTHN VLERQRRNEL KRSFFALRDQ IPELENNEKA PKVVILKKAT AYILSIQADE HKLTSEKDLL  
RKRREQLKHK LEQLRNSGA

### Product Description

#### Expression Systems

Yeast  
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 5-50% 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**

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](#)