

# Product Information

## MemDX™ Membrane Protein Woodchuck MYC (Myc proto-oncogene protein) for Antibody

### Discovery

Cat. No.: **MP1525J**

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

This product is Woodchuck 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

Woodchuck

#### Target Protein

MYC

#### Protein Length

Full length

#### Protein Class

Drug Target

#### Sequence

MPLNVSFANR NYLDYDSVQ PYFYCDEEEN FYQQQQQSEL QPPAPSEDIW KKFELLPTTP LSPSRRLGLC  
SPPCVTVASF SPPGDDDDGGG GSFSTADQLE MVTELLGGDM VNQSFICDPD DETFIKNIII QDCMWSGFSA  
AAKLVEKLA SYQAARKDTG CPSPARGHSG CSSSSLYLQD LSPRASECID PSVVFYPLN DSSSPKPCAS  
PDSTAFSPSS DSLLSSTESS PRASPEPLVL HEETPPTTSS DSEEEQEDEE EIDVVSVEKR QPSARRSESV  
SPPAGSHSKP PHSPLVLKRC HVSTHQHNYA APPSTRKDCP AAKRAKLDSG RVLKQISNNR KCASPRSSDT  
EENDKRRTHN VLERQRRNEL KRSFFALRDQ IPELENNEKA PKVIILKKAT AYILSVQAE QKLISEKDLL  
RKRRREQLKQK LEQLRNSCA

### 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 5-50% 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**

Myc proto-oncogene protein

**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; c-Myc

**UniProt ID**

[P22555](#)