

Product Information

MemDX™ Antibody Discovery - Rat beta 2-Microglobulin / B2M (21-119) Membrane Protein, Partial, -His tag

Cat. No.: **MP1038F**

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

This membrane protein is Rat beta 2-Microglobulin / B2M (21-119). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Rat

Target Protein

beta 2-Microglobulin / B2M

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 12.9 kDa. The protein migrates as 14-15 kDa under reducing (R) condition (SDS-PAGE).

Sequence

AA Ile 21 - Met 119 (Accession # NP_036644).

Product Description

Application

SDS-PAGE

Expression Systems

HEK293

Tag

His tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target**Target Protein**

beta 2-Microglobulin / B2M

Full Name

beta-2 microglobulin

Introduction

mouse homolog plays a role in the assembly and surface expression of MHC class I molecules

Alternative Names

B2M, beta-2 microglobulin, beta-2-microglobulin,

Gene ID

[24223](#)

UniProt ID

[P07151](#)