

Product Information

MemDX™ Membrane Protein Mouse Masp2 (Mannan-binding lectin serine peptidase 2) for Antibody Discovery

Cat. No.: **MP1375J**

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

This product is a 75.4 kDa Mouse Masp2 membrane protein expressed in Baculovirus. 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

Masp2

Protein Length

ECD (20-685aa)

Protein Class

Ion Channel

Molecular Weight

75.4 kDa

Sequence

SKWPEPVFGRLVSPGFPEKYADHQDRSWTLTAPPGYRLRLYFTHFDLELSYRCEYDFVKLSSGTKVLATLCGQESTDTEQAPGND

Product Description

Expression Systems

Baculovirus

Tag

N-6xHis

Form

Liquid or 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**

Masp2

Full Name

Mannan-binding lectin serine peptidase 2

Introduction

Serum protease that plays an important role in the activation of the complement system via mannose-binding lectin. After activation by auto-catalytic cleavage it cleaves C2 and C4, leading to their activation and to the formation of C3 convertase.

Alternative Names

Masp2; Mannan-binding lectin serine protease 2; EC 3.4.21.104; MBL-associated serine protease 2; Mannose-binding protein-associated serine protease 2; MASP-2) [Cleaved into: Mannan-binding lectin serine protease 2 A chain; Mannan-binding lectin serine protease 2 B chain]

Gene ID

[17175](#)

UniProt ID

[Q91WP0](#)