

Product Information

MemDX™ Membrane Protein *Oryza sativa* subsp. *japonica* (Rice) SIP2-1 (Aquaporin SIP2-1) for Antibody Discovery

Cat. No.: **MP1466J**

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

This product is a 26.8 kDa *Oryza sativa* subsp. *japonica* (Rice) SIP2-1 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

Oryza sativa subsp. *japonica* (Rice)

Target Protein

SIP2-1

Protein Length

Full-length

Protein Class

Aquaporin

Molecular Weight

26.8 kDa

TMD

6

Sequence

MSPAPPPSRGRIRPWLVGDLVVAAMWVCAGALVKLAVYGVGLGGRPEADAVKVALSLVYMFFFAWLEGFTGGASYNPLTVLAG

Product Description

Expression Systems

E.coli

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**

SIP2-1

Full Name

Aquaporin SIP2-1

Introduction

Aquaporins facilitate the transport of water and small neutral solutes across cell membranes.

Alternative Names

SIP2-1; Os03g0320000; LOC_Os03g20410; Aquaporin SIP2-1; OsSIP2;1; Small basic intrinsic protein 2-1

UniProt ID

[Q10M80](#)