

Product Information

MemDX™ Membrane Protein Zea mays (Maize) LOC542497 (NOD26-like membrane integral protein ZmNIP2-3) for Antibody Discovery

Cat. No.: **MP1456J**

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

This product is a 31.7 kDa Zea mays (Maize) LOC542497 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

Zea mays (Maize)

Target Protein

LOC542497

Protein Length

Full-length

Protein Class

Aquaporin

Molecular Weight

31.7 kDa

TMD

6

Sequence

MAASTTSRTNSRVNYSNEIHDLS TVQGGSAAAAAALFYPDSKSIADIFPPHLGKKVISEVVATFLLVFVT CGAASIYGEDNARISQLG

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**

LOC542497

Full Name

NOD26-like membrane integral protein ZmNIP2-3

Introduction

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

Alternative Names

NIP2-3; Aquaporin NIP2-3; NOD26-like intrinsic protein 2-3; ZmNIP2-3; ZmNIP2;3; Lsi6; GRMZM2G081239; LOC542497

Gene ID

[542497](#)

UniProt ID

[Q9AT74](#)