

Product Information

MemDX™ Membrane Protein Plant LOC4334833 (Outer envelope pore protein 24, chloroplastic-like)

Cat. No.: **MP0029F**

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

The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Plant

Target Protein

LOC4334833

Protein Length

Full Length

Protein Class

Porin

Molecular Weight

24 kDa

Sequence

MKATVKGRYEGDKATAAATLAFTPSAADLRFKASATDAAFARGPSLEGLILTLEKPGSFL
LDLKPHSKDVRQFMNSALLLDRRVSLTYTHSTTLSPGPAKLPARTALDGSLTFDPANKL
SLSHTLGSSGCRVKYSYAHGQDRLTTIEPCFDTANNAWDFAVTRKFQGGDAIKATYQAST
KLLALDWTRDSKIGASFKVAASFDLSDQSKAPKLIAESTWNYEI

Product Description

Activity

Yes

Application

Screening & display technologies

Expression Systems

Cell-free expression system

Tag

Histidine tag fused to the N-terminal end of the protein

Protein Format

Proteoliposome

Form

Powder

Purification

Sucrose gradient

Purity

>60% by SDS-Page and Coomassie Blue staining

Buffer

Tris 50mM, pH 7.5

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

LOC4334833

Full Name

Outer envelope pore protein 24, chloroplastic-like

Introduction

High-conductance voltage-dependent solute channel with a slight selectivity for cations transporting triosephosphates, dicarboxylic acids, ATP, inorganic phosphate (Pi), sugars, and positively or negatively charged amino acids.

Alternative Names

OEP24, OsJ_13425

Gene ID

[4334833](#)

UniProt ID

[Q75IQ4](#)