

Product Information

MemDX™ Membrane Protein Human AQP12A (Aquaporin 12A) for Antibody Discovery

Cat. No.: **MP1432J**

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

This product is a 31.5 kDa Human AQP12A 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

Human

Target Protein

AQP12A

Protein Length

Full-length

Protein Class

Aquaporin

Molecular Weight

31.5 kDa

TMD

6

Sequence

MAGLVNLSLFFATFALCEAARRASKALLPVGAYEVFAREAMRTLVELGPWAGDFGPDLLLTLFLFLAHGVTLDGASANPTVSLQ

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**

AQP12A

Full Name

Aquaporin 12A

Introduction

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

Alternative Names

AQ12A_HUMAN; AQP 12; AQP 12A; AQP-12; AQP12A; AQPX2; Aquaporin 12; Aquaporin 12A; Aquaporin X2; Aquaporin-12A

Gene ID

[375318](#)

UniProt ID

[Q8IXF9](#)