

Product Information

MemDX™ Membrane Protein Human AQP5 (Aquaporin 5) Full Length

Cat. No.: **MPC0394K**

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

This product is a 28.2 kDa Human AQP5 membrane protein expressed in *Komagataella pastoris*. 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

AQP5

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

28.2 kDa

TMD

6

Sequence

MKKEVCSVAFLKAVFAEFLATLIFVFFGLGSALKWPSALPTILQIALAFG
LAIGTLAALGPVSGGHINPAITLALLVGNQISLLRAFFYVAAQLVGAIA
GAGILYGVAPLNARGNLAVNALNNNTTQGGAMVVELILTFQLALCIFAST
DSRRTSPVGSPALSIGLSVTLGHLVGIIYFTGCSMNPARSFGPAVVMNRFS
PAHWVFWVGPIVGAVLAAILYFYLLFPNSLSLSEVAIIKGTYPDEDWE
EQREERKKTMELTTR

Product Description

Expression Systems

Komagataella pastoris

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

AQP5

Full Name

Aquaporin 5

Introduction

Aquaporin 5 (AQP5) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 5 plays a role in the generation of saliva, tears and pulmonary secretions. AQP0, AQP2, AQP5, and AQP6 are closely related and all map to 12q13.

Alternative Names

PPKB; AQP-5; aquaporin-5; AQP5; Aquaporin 5

Gene ID

[362](#)

UniProt ID

[P55064](#)