

PRODUCT INFORMATION

Target AQP5

AQP-5; PPKB **Synonyms**

Description Human AQP5 full length protein-MNP

Delivery In Stock P55064 **Uniprot ID Expression Host HEK293**

Protein Families Druggable Genome, Transmembrane

Protein Pathways

Background

The human full length AQP5 protein has a MW of **Molecular Weight**

28.3 kDa

Lyophilized from PBS. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

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 same af calling the same and pulmonary.

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the generation of saliva, tears and pulmonary secretions. AQP0, AQP2, AQP5, and AQP6 are closely related and all map to 12q13.

Usage Research use only

Conjugate Unconjugated





ELISA assay to evaluate AQP5-MNP 0.5µg Human AQP5-MNP per well

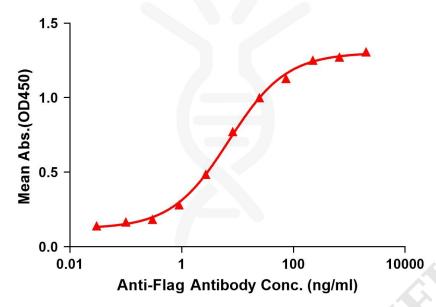


Figure 1. Elisa plates were pre-coated with $0.5\mu g/per$ well purified human AQP5 full length membrane nanoparticles. Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with AQP5 full length membrane nanoparticles is 7.009 ng/ml.

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