

For Research Use Only

HCN2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 81025-5-PBS



Basic Information

Catalog Number:

81025-5-PBS

Size:

1mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001194

GeneID (NCBI):

610

UNIPROT ID:

Q9UL51

Full Name:

hyperpolarization activated cyclic
nucleotide-gated potassium channel
2

Calculated MW:

97 kDa

Purification Method:

Protein A purification

CloneNo.:

230398E11

Applications

Tested Applications:

Cytometric bead array, Indirect ELISA

Species Specificity:

human

Background Information

HCN2, also named as BCNG2, belongs to the potassium channel HCN family. The molecular weight of immature HCN2 is 90 kDa, and the protein is about 120 kDa after n-terminal glycosylation. It has been found that 60 kDa of HCN2 protein can be identified in mouse heart samples. Although all protein isolation steps were handled on ice and in the presence of protease inhibitors to reduce protease-dependent effects and to minimize protein degradation, it is certainly possible that the presence of the 60 kDa HCN2 protein in the heart samples does, in fact, reflect protein degradation. (PMID:21796099, PMID: 19574228)

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

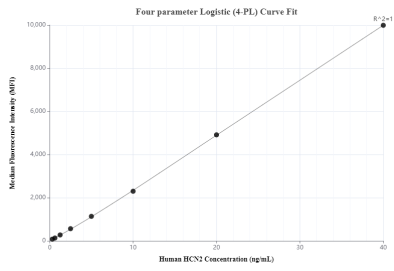
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP00160-1, HCN2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 81025-5-PBS. Detection antibody: 81025-4-PBS. Standard: Ag34038. Range: 0.313-40 ng/mL.