

# Product Information

## **MemDX™ Membrane Protein Mouse Hcn3 (Hyperpolarization-activated, cyclic nucleotide-gated K<sup>+</sup> 3) Expressed *in vitro* E.coli expression system, Full Length**

Cat. No.: **MPX2876K**

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

This product is a Mouse Hcn3 membrane protein expressed *in vitro* E.coli expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Mouse

#### Target Protein

Hcn3

#### Protein Length

Full Length

#### Protein Class

Ion channel, Transport

#### TMD

6

#### Sequence

MEEEARPAAGAGEAATPARETPPAAPAQARAASGGVPESAPEPKRRQLGTLLQPTVNFSLRVFGSHKAVEIEQERVKSAGAWIIH

### Product Description

#### Expression Systems

*in vitro* E.coli expression system

#### Tag

10xHis tag at the N-terminus

#### Protein Format

Soluble

#### Form

Liquid or Lyophilized powder

#### Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### **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**

Hcn3

#### **Full Name**

Hyperpolarization-activated, cyclic nucleotide-gated K<sup>+</sup> 3

#### **Alternative Names**

Hcn3; Hac; Hac3; Hcn4; Bcng4; BCNG-4; potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3; HAC-3; hyperpolarization-activated cation channel 3; hyperpolarization-activated, cyclic nucleotide-gated K<sup>+</sup> 4; Hyperpolarization-activated, cyclic nucleotide-gated K<sup>+</sup> 3

#### **Gene ID**

[15168](#)

#### **UniProt ID**

[Q88705](#)