

Product Information

MemDX™ Membrane Protein Mouse Kcnq4 (Potassium voltage-gated channel, subfamily Q, member 4) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX2859K**

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

This product is a Mouse Kcnq4 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

Kcnq4

Protein Length

Full Length

Protein Class

Ion channel, Transport

TMD

6

Sequence

MAEAPPRRLGLGPPPGDAPRAELVALTAVQSEQGEAGGGSPRRLGLLGSPLPPGAPLPGPGSGSGSACGGQRSSAAQKRYRR

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

Kcnq4

Full Name

Potassium voltage-gated channel, subfamily Q, member 4

Alternative Names

Kcnq4; potassium voltage-gated channel subfamily KQT member 4; KQT-like 4; potassium channel subunit alpha KvLQT4; voltage-gated potassium channel subunit Kv7.4; Potassium voltage-gated channel, subfamily Q, member 4

Gene ID

[60613](#)

UniProt ID

[Q9JK97](#)