Datasheet for ABIN5709791

# KCNE2 Protein (AA 1-123, full length) (His tag)

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## 1 Image

## Overview

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|---|---|
| Quantity: | 100 µg |
| Target: | KCNE2 |
| Protein Characteristics: | full length, AA 1-123 |
| Origin: | Rat |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This KCNE2 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

## Product Details

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|---|---|
| Sequence: | MTTLANLTQT LEDAFKKVFI TYMDSWRRNT TAEQQALQAR VDAENFYYVI LYLMVMIGMF AFIVVAILVS TVKSKRREHS QDPYHQYIVE DWQQKYRSQI LHLEDSKATI HENLGATGFT VSP |
| Purification: | SDS-PAGE |
| Purity: | > 90 % |

## Target Details

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|---|---|
| Target: | KCNE2 |
| Alternative Name: | KCNE2 (KCNE2 Products) |
| Background: | Ancillary protein that assbles as a beta subunit with a voltage-gated potassium channel complex of pore-forming alpha subunits. Modulates the gating kinetics and enhances stability of the channel complex. Associated with KCNH2/HERG is proposed to form the rapidly |

## Target Details

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| | activating component of the delayed rectifying potassium current in heart (IKr). May associate with KCNQ2 and/or KCNQ3 and modulate the native M-type current. May associate with KCNQ1/KCLQT1 and elicit a voltage-independent current . |
| Molecular Weight: | 18.4 kDa |
| UniProt: | P63161 |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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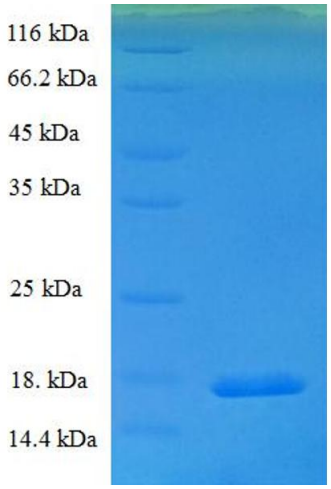
| Format: | Liquid |
| Concentration: | 0.1-2 mg/mL |
| Buffer: | 20 mM Tris-HCl based buffer, pH 8.0 |
| Storage: | -80 °C,4 °C,-20 °C |
| Storage Comment: | Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

## Images




**SDS-PAGE**

**Image 1.**