

## Recombinant Human KCNE3, GST-tagged

**Cat. No.** KCNE3-241H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KCNE3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-103aa                                                                                                                                                           |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | KCNE3 potassium voltage-gated channel, Isk-related family, member 3 [ Homo sapiens ]                                                                                                                                                                        |
| <b>Official Symbol</b> | KCNE3                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>        | KCNE3; potassium voltage-gated channel, Isk-related family, member 3; potassium voltage-gated channel subfamily E member 3; HOKPP; MiRP2; minK-related peptide 2; potassium channel subunit beta MiRP2; voltage-gated K <sup>+</sup> channel subunit MIRP2; |

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|                            |                                                                                                                                                         |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | minimum potassium ion channel-related peptide 2; cardiac voltage-gated potassium channel accessory subunit; HYPP; MGC102685; MGC129924; DKFZp781H21101; |
| <b>Gene ID</b>             | <a href="#">10008</a>                                                                                                                                   |
| <b>mRNA Refseq</b>         | <a href="#">NM_005472</a>                                                                                                                               |
| <b>Protein Refseq</b>      | <a href="#">NP_005463</a>                                                                                                                               |
| <b>MIM</b>                 | <a href="#">604433</a>                                                                                                                                  |
| <b>UniProt ID</b>          | <a href="#">Q9Y6H6</a>                                                                                                                                  |
| <b>Chromosome Location</b> | 11q13.4                                                                                                                                                 |
| <b>Pathway</b>             | Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem;                                   |
| <b>Function</b>            | potassium channel regulator activity; voltage-gated ion channel activity; voltage-gated potassium channel activity;                                     |