

## Recombinant Human KCNA5, GST-tagged

Cat. No. KCNA5-230H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KCNA5 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>	1-123aa
<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>	KCNA5 potassium voltage-gated channel, shaker-related subfamily, member 5 [ Homo sapiens ]
<b>Official Symbol</b>	KCNA5
<b>Synonyms</b>	KCNA5; potassium voltage-gated channel, shaker-related subfamily, member 5; potassium voltage-gated channel subfamily A member 5; HK2; HPCN1; Kv1.5; potassium channel 1; cardiac potassium channel; potassium channel protein; voltage-

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gated potassium channel HK2; insulinoma and islet potassium channel; voltage-gated potassium channel protein Kv1.5; voltage-gated potassium channel subunit Kv1.5; HCK1; PCN1; ATFB7; KV1.5; MGC117058; MGC117059;

**Gene ID** [3741](#)

**mRNA Refseq** [NM\\_002234](#)

**Protein Refseq** [NP\\_002225](#)

**MIM** [176267](#)

**UniProt ID** [P22460](#)

**Chromosome Location** 12p13

**Pathway** Neuronal System, organism-specific biosystem; Potassium Channels, organism-specific biosystem; Voltage gated Potassium channels, organism-specific biosystem;

**Function** delayed rectifier potassium channel activity; outward rectifier potassium channel activity; potassium channel inhibitor activity; receptor binding; voltage-gated ion channel activity;

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