

Recombinant Human KCNA5, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human KCNA5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-123aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	KCNA5 potassium voltage-gated channel, shaker-related subfamily, member 5 [Homo sapiens]
Official Symbol	KCNA5
Synonyms	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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