

Recombinant Human KCNS3, GST-tagged

Cat. No. KCNS3-284H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNS3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	7-298AA
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	KCNS3 potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3 [Homo sapiens]
Official Symbol	KCNS3
Synonyms	KCNS3; potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3; potassium voltage-gated channel subfamily S member 3; Kv9.3; voltage-gated potassium channel protein Kv9.3; voltage-gated potassium channel subunit Kv9.3;

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delayed-rectifier K(+) channel alpha subunit 3; Shab-related delayed-rectifier K+ channel alpha subunit 3; potassium voltage-gated channel delayed-rectifier protein S3; KV9.3; MGC9481;

Gene ID [3790](#)

mRNA Refseq [NM_002252](#)

Protein Refseq [NP_002243](#)

MIM [603888](#)

UniProt ID [Q9BQ31](#)

Chromosome Location 2p24

Pathway Integration of energy metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Neuronal System, organism-specific biosystem; Potassium Channels, organism-specific biosystem; Regulation of Insulin Secretion, organism-specific biosystem; Regulation of Insulin Secretion by Glucagon-like Peptide-1, organism-specific biosystem; Voltage gated Potassium channels, organism-specific biosystem;

Function delayed rectifier potassium channel activity; potassium channel regulator activity; voltage-gated ion channel activity;

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