

Recombinant Human KCND2, GST-tagged

Cat. No. KCND2-237H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCND2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-196aa
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	KCND2 potassium voltage-gated channel, Shal-related subfamily, member 2 [Homo sapiens]
Official Symbol	KCND2
Synonyms	KCND2; potassium voltage-gated channel, Shal-related subfamily, member 2; potassium voltage-gated channel subfamily D member 2; KIAA1044; Kv4.2; RK5; voltage-sensitive potassium channel; voltage-gated potassium channel Kv4.2;

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	voltage-gated potassium channel subunit Kv4.2; KV4.2; MGC119702; MGC119703;
Gene ID	3751
mRNA Refseq	NM_012281
Protein Refseq	NP_036413
MIM	605410
UniProt ID	Q9NZV8
Chromosome Location	7q31
Pathway	Neuronal System, organism-specific biosystem; Potassium Channels, organism-specific biosystem; Serotonergic synapse, organism-specific biosystem; Voltage gated Potassium channels, organism-specific biosystem;
Function	A-type (transient outward) potassium channel activity; metal ion binding; protein binding; protein heterodimerization activity; voltage-gated ion channel activity; voltage-gated potassium channel activity;