

## Recombinant Human KCNV1, His-tagged

Cat. No. KCNV1-287H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KCNV1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	N-term-210aa
<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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	KCNV1 potassium channel, subfamily V, member 1 [ Homo sapiens ]
<b>Official Symbol</b>	KCNV1
<b>Synonyms</b>	KCNV1; potassium channel, subfamily V, member 1; potassium voltage-gated channel subfamily V member 1; Kv8.1; potassium channel Kv8.1; neuronal potassium channel alpha subunit HNKA; voltage-gated potassium channel subunit Kv8.1; HNKA; KCNB3; KV2.3; KV8.1;

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<b>Gene ID</b>	27012
<b>mRNA Refseq</b>	NM_014379
<b>Protein Refseq</b>	NP_055194
<b>MIM</b>	608164
<b>UniProt ID</b>	Q6PIU1
<b>Chromosome Location</b>	8q23.2
<b>Pathway</b>	Neuronal System, organism-specific biosystem; Potassium Channels, organism-specific biosystem; Voltage gated Potassium channels, organism-specific biosystem;
<b>Function</b>	ion channel inhibitor activity; potassium channel regulator activity; voltage-gated ion channel activity; voltage-gated potassium channel activity;

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