

Recombinant Human KCNV1, His-tagged

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	KCNV1 potassium channel, subfamily V, member 1 [Homo sapiens]
Official Symbol	KCNV1
Synonyms	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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Gene ID	27012
mRNA Refseq	NM_014379
Protein Refseq	NP_055194
MIM	608164
UniProt ID	Q6PIU1
Chromosome Location	8q23.2
Pathway	Neuronal System, organism-specific biosystem; Potassium Channels, organism-specific biosystem; Voltage gated Potassium channels, organism-specific biosystem;
Function	ion channel inhibitor activity; potassium channel regulator activity; voltage-gated ion channel activity; voltage-gated potassium channel activity;

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