

Recombinant Human KCNF1 Protein, MYC/DDK-tagged

Cat. No. KCNF1-142H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KCNF1 protein, fused to MYC/DDK-tag at C-terminal, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily F. This gene is intronless and expressed in all tissues tested, including the heart, skeletal muscle, brain, kidney, and pancreas. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	55.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	potassium voltage-gated channel modifier subfamily F member 1 [Homo sapiens]
Official Symbol	KCNF1
Synonyms	IK8; KCNF; kH1; KV5.1
Gene ID	3754
mRNA Refseq	NM_002236.4
Protein Refseq	NP_002227.2
MIM	603787
UniProt ID	Q9H3M0

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