

KCNE3 抗原（重组蛋白）

中文名称：KCNE3 抗原（重组蛋白）

英文名称： KCNE3 Antigen (Recombinant Protein)

别名： HYPP; HOKPP; MiRP2

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 1-103 amino acids of human KCNE3

技术规格：

Full name:	potassium voltage-gated channel subfamily E regulatory subunit 3
Synonyms:	HYPP; HOKPP; MiRP2
Swissprot:	Q9Y6H6
Gene Accession:	BC032235
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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, Isk-related subfamily. This member is a type I membrane protein, and a beta subunit that assembles with a potassium channel alpha-subunit to modulate the gating kinetics and enhance stability of the multimeric complex. This gene is prominentl

y expressed in the kidney. A missense mutation in this gene is associated with hypokalemic periodic paralysis.