

Recombinant Mouse Kcne1l Protein, Myc/DDK-tagged

Cat. No. Kcne1l-3654M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length potassium voltage-gated channel, Isk-related family, member 1-like, pseudogene (Kcne1l), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Potassium channel ancillary subunit that is essential for generation of some native K ⁺ currents by virtue of formation of heteromeric ion channel complex with voltage-gated potassium (Kv) channel pore-forming alpha subunits. Functions as an inhibitory beta-subunit of the repolarizing cardiac potassium ion channel KCNQ1.
Molecular Mass	15 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Kcne1l potassium voltage-gated channel, Isk-related family, member 1-like, pseudogene [Mus musculus (house mouse)]
Official Symbol	Kcne1l
Synonyms	KCNE1L; potassium voltage-gated channel, Isk-related family, member 1-like, pseudogene; potassium voltage-gated channel subfamily E member 1-like protein; minK-like protein; Mink; Kcne5; 1500015C14Rik
Gene ID	66240
mRNA Refseq	NM_021487
Protein Refseq	NP_067462
UniProt ID	Q9QZ26

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