

Recombinant Mouse Kcnq4 Protein, Myc/DDK-tagged

Cat. No. Kcnq4-3662M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length potassium voltage-gated channel, subfamily Q, member 4 (Kcnq4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probably important in the regulation of neuronal excitability. May underlie a potassium current involved in regulating the excitability of sensory cells of the cochlea.
Molecular Mass	77.5 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.

GENE INFORMATION

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Gene Name	Kcnq4 potassium voltage-gated channel, subfamily Q, member 4 [Mus musculus (house mouse)]
Official Symbol	Kcnq4
Synonyms	KCNQ4; potassium voltage-gated channel, subfamily Q, member 4; potassium voltage-gated channel subfamily KQT member 4; KQT-like 4; potassium channel subunit alpha KvLQT4; voltage-gated potassium channel subunit Kv7.4
Gene ID	60613
mRNA Refseq	NM_001081142
Protein Refseq	NP_001074611
UniProt ID	Q9JK97

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