

Recombinant Mouse Kcnk4 protein, Myc/DDK-tagged

Cat. No. Kcnk4-211M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Kcnk4 protein, fused to Myc/DDK-tag at C-terminus, was expressed in human 293 cells (HEK293).
Species	Mouse
Source	HEK293
Description	Potassium channels play a role in many cellular processes including maintenance of the action potential, muscle contraction, hormone secretion, osmotic regulation, and ion flow. This gene encodes the K2P4.1 protein, one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. K2P4.1 homodimerizes and functions as an outwardly rectifying channel. It is expressed primarily in neural tissues and is stimulated by membrane stretch and polyunsaturated fatty acids.
Form	1150 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	43.1 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µg/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	Kcnk4
Official Symbol	Kcnk4
Synonyms	TRAAK; Tex40; TRAAKt; MLZ-622; Catsperz
Gene ID	16528
mRNA Refseq	NM_008431.3
Protein Refseq	NP_032457.1
UniProt ID	O88454

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