

Recombinant Mouse Kcnk4 Protein, MYC/DDK-tagged

Cat. No. Kcnk4-1262M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse potassium channel, subfamily K, member 4 (Kcnk4), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Biased expression in testis adult (RPKM 71.0) and cortex adult (RPKM 5.7)
Molecular Mass	43.1 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 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Kcnk4 potassium channel, subfamily K, member 4 \[Mus musculus \(house mouse\) \]](#)

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Official Symbol	Kcnk4
Synonyms	Kcnk4; potassium channel, subfamily K, member 4; TRAAK; Tex40; TRAAKt; MLZ-622; Catsperz; potassium channel subfamily K member 4; TWIK-related arachidonic acid-stimulated potassium channel protein; catSper-zeta; catSperzeta; protein expressed in male leptotene and zygotene spermatocytes 622; testis-expressed protein 40
Gene ID	16528
mRNA Refseq	NM_008431
Protein Refseq	NP_032457
UniProt ID	O88454

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