

Recombinant Mouse Kctd3 Protein, Myc/DDK-tagged

Cat. No. Kctd3-3672M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length potassium channel tetramerisation domain containing 3 (Kctd3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Accessory subunit of potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3 (HCN3) upregulating its cell-surface expression and current density without affecting its voltage dependence and kinetics.
Molecular Mass	88.9 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	Kctd3 potassium channel tetramerisation domain containing 3 [Mus musculus (house mouse)]
Official Symbol	Kctd3
Synonyms	KCTD3; potassium channel tetramerisation domain containing 3; BTB/POZ domain-containing protein KCTD3; NY-REN-45; 9330185B06; 4930438A20Rik; E330032J19Rik
Gene ID	226823
mRNA Refseq	NM_172650
Protein Refseq	NP_766238
UniProt ID	Q8BFX3

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