Recombinant Mouse Kcnip1 Protein, Myc/DDK-tagged

Cat. No. Kcnip1-3657M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Kv channel-interacting protein 1 (Kcnip1), transcript variant B, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium channels. Regulates channel density, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner. Modulates KCND2/Kv4.2 currents. In vitro, modulates KCND1/Kv4.1 currents. Increases the presence of KCND2 at the cell surface.
Molecular Mass	25.3 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

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Kcnip1 Kv channel-interacting protein 1 [Mus musculus (house mouse)]
Official Symbol	Kcnip1
Synonyms	KCNIP1; Kv channel-interacting protein 1; potassium channel interacting protein 1; potassium channel-interacting protein 1; A-type potassium channel modulatory protein 1; A-type potassium channel modulatory protein 1.2; KCHIP1; AI842357; AW494471; Kchip1.2; 2900046L02Rik; 3202002F18Rik
Gene ID	70357
mRNA Refseq	NM_027398
Protein Refseq	NP_081674
UniProt ID	Q9JJ57

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