

Recombinant Mouse Kcnp4 Protein, Myc/DDK-tagged

Cat. No. Kcnp4-3660M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Kv channel interacting protein 4 (cDNA clone MGC:58176 IMAGE:6532082), complete cds, 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, such as KCND2/Kv4.2 and KCND3/Kv4.3. Modulates channel expression at the cell membrane, gating characteristics, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner.
Molecular Mass	28.8 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Kcnip4 Kv channel interacting protein 4 [Mus musculus (house mouse)]
Official Symbol	Kcnip4
Synonyms	Kcnip4; Kv channel interacting protein 4; Calp; KChI; KCHIP4; Calp250; KCHIP4a; AV032399; Kv channel-interacting protein 4; A-type potassium channel modulatory protein 4; calsenilin-like protein; potassium channel interacting protein 4
Gene ID	80334
mRNA Refseq	NM_030265
Protein Refseq	NP_084541
UniProt ID	Q6PHZ8

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