

Recombinant Human KCNIP4 protein, His-tagged

Cat. No. KCNIP4-3359H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNIP4 protein(1-250 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-250 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MNVRRVESISAQLEEASSTGGFLYAQNSTKRSIKERLMKLLPCSAAKTSSPAIQNSV EDELEMATVRHRPEALELLEAQSKFTKKELQILYRGFKNECPSGVVNEETFKEIYSQF FPQGDSTTYAHFLFNAFDTDHNGAVSFEDFIKGLSILLRGTVQEKLNWAFNLYDINKD GYITKEEMLDIMKAIYDMMGKCTYPVLKEDAPRQHVETFFQKMDKNKDGVTIDEFI ESCQKDENIMRSMQLFENVI
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name KCNIP4 Kv channel interacting protein 4 [Homo sapiens]

Official Symbol KCNIP4

Synonyms KCNIP4; Kv channel interacting protein 4; Kv channel-interacting protein 4; CALP; KCHIP4; MGC44947; calsenilin-like protein; potassium channel interacting protein 4; potassium channel-interacting protein 4; a-type potassium channel modulatory protein 4;

Gene ID 80333

mRNA Refseq NM_001035003

Protein Refseq NP_001030175

MIM 608182

UniProt ID Q6PIL6

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