

Recombinant Human KCNIP1 protein, His-tagged

Cat. No. KCNIP1-3225H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNIP1 protein(1-216 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-216 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MGAVMGTFSSLQTKQRRPSKDKIEDELEMTMVCHRPEGLEQLEAQTNFTKRELQVL YRGFKNECPSGVVNEDTFKQIYAQFFPHGDASTYAHYLFNAFDTTQTGSKVFEDFV TALSILLRGTVHEKLRWTFNLYDINKDGYINKEEMMDIVKAIYDMMGKYTYPVLKEDT PRQHVDVFFQKMDKNKDGIVTLDEFLESCQEDDNIMRSLQLFQNVN
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name KCNIP1 Kv channel interacting protein 1 [Homo sapiens]

Official Symbol KCNIP1

Synonyms KCNIP1; Kv channel interacting protein 1; Kv channel-interacting protein 1; KCHIP1; vesicle APC-binding protein; potassium channel interacting protein 1; potassium channel-interacting protein 1; A-type potassium channel modulatory protein 1; VABP; MGC95;

mRNA Refseq NM_001034837

Protein Refseq NP_001030009

MIM 604660

UniProt ID Q9NZI2

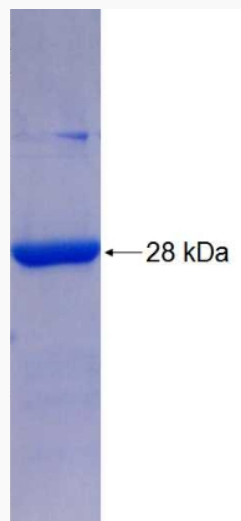
Gene ID 30820

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SDS-PAGE

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