Recombinant Human Kv channel-interacting protein 1 (KCNIP1)

Product Code	CSB-YP885776HU
Abbreviation	KCNIP1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9NZI2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MGAVMGTFSS LQTKQRRPSK DIAWWYYQYQ RDKIEDELEM TMVCHRPEGL EQLEAQTNFT KRELQVLYRG FKNECPSGVV NEDTFKQIYA QFFPHGDAST YAHYLFNAFD TTQTGSVKFE DFVTALSILL RGTVHEKLRW TFNLYDINKD GYINKEEMMD IVKAIYDMMG KYTYPVLKED TPRQHVDVFF QKMDKNKDGI VTLDEFLESC QEDDNIMRSL QLFQNVM
Source	Yeast
Target Names	KCNIP1
Protein Names	Recommended name: Kv channel-interacting protein 1 Short name= KChIP1 Alternative name(s): A-type potassium channel modulatory protein 1 Potassium channel-interacting protein 1 Vesicle APC-binding protein
Expression Region	1-227
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belong to the recoverin branch of the EF-hand superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from each other in the N-terminus. They are integral subunit components of native Kv4 channel complexes. They may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. Alternative splicing results in multiple transcript variant encoding different isoforms.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final

	concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.