Recombinant Human KCNAB2 protein, His-tagged

Cat. No. KCNAB2-232H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNAB2 protein(1-395 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-395 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MYPESTTGSPARLSLRQTGSPGMIYSTRYGSPKRQLQFYRNLGKSGLRVSCLGLGT WVTFGGQITDEMAEQLMTLAYDNGINLFDTAEVYAAGKAEVVLGNIIKKKGWRRSSL VITTKIFWGGKAETERGLSRKHIIEGLKASLERLQLEYVDVVFANRPDPNTPMEETVR AMTHVINQGMAMYWGTSRWSSMEIMEAYSVARQFNLTPPICEQAEYHMFQREKVE VQLPELFHKIGVGAMTWSPLACGIVSGKYDSGIPPYSRASLKGYQWLKDKILSEEGR RQQAKLKELQAIAERLGCTLPQLAIAWCLRNEGVSSVLLGASNADQLMENIGAIQVR VRGPAGQRAHPSPSPVQCILPGSSCVPGSVLGTQDAPVNHQSCAPGELAFQQEQT
Purity	75%, 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

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

	containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/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	KCNAB2 potassium voltage-gated channel, shaker-related subfamily, beta member 2 [Homo sapiens]
Official Symbol	KCNAB2
Synonyms	KCNAB2; potassium voltage-gated channel, shaker-related subfamily, beta member 2; voltage-gated potassium channel subunit beta-2; AKR6A5; HKvbeta2.1; HKvbeta2.2; KCNA2B; K+ channel beta-2 subunit; K(+) channel subunit beta-2; potassium channel shaker chain beta 2; HKvbeta2; KV-BETA-2; MGC117289;
Gene ID	8514
mRNA Refseq	NM_001199860
Protein Refseq	NP_001186789
MIM	601142
UniProt ID	Q13303

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