Recombinant Human KCNA3 protein, His-tagged

Cat. No. KCNA3-316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNA3 protein(NP_002223)(1-226 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-226 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.
AA Sequence	MDERLSLLRSPPPPSARHRAHPPQRPASSGGAHTLVNHGYAEPAAGRELPPDMTV VPGDHLLEPEVADGGGAPPQGGCGGGGCDRYEPLPPSLPAAGEQDCCGERVVINI SGLRFETQLKTLCQFPETLLGDPKRRMRYFDPLRNEYFFDRNRPSFDAILYYYQSG GRIRRPVNVPIDIFSEEIRFYQLGEEAMEKFREDEGFLREEERPLPRRDFQRQVWLL FEY
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.
Concentration	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM

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

	NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
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	KCNA3 potassium voltage-gated channel, shaker-related subfamily, member 3 [Homo sapiens]
Official Symbol	KCNA3
Synonyms	KCNA3; potassium voltage-gated channel, shaker-related subfamily, member 3; potassium voltage-gated channel subfamily A member 3; HLK3; HPCN3; Kv1.3; MK3; potassium channel 3; type n potassium channel; voltage-gated K(+) channel HuKIII; voltage-gated potassium channel protein Kv1.3; voltage-gated potassium channel subunit Kv1.3; HGK5; PCN3; KV1.3; HUKIII;
Gene ID	3738
mRNA Refseq	NM_002232
Protein Refseq	NP_002223
MIM	176263
UniProt ID	P22001

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