

Recombinant Human KCNH6 protein, His-tagged

Cat. No. KCNH6-3369H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNH6 protein(1-261 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-261 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	MPVRRGHVAPQNTYLDTIIRKFEGQSRKFLIANAQMENCAIYCNDGFCELFGYSRVE VMQQPCTCDFLTGPNTPSSAVSRLAQLLGAEECKVDILYYRKDASSFRCLVDVVP VKNEDGAVIMFILNFEDLAQLLAKCSSRSLSQLLSQSFLGSEGSHGRPGGPGPGT GRGKYRTISQIPQFTLNVEFNLEKHRSSSTTEIEIIAPHKVVVERTQNVTEKVTQVLSL GADVLPEYKLQAPRIHRWTILHYSPFKAVWDW
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.

 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

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 KCNH6 potassium voltage-gated channel, subfamily H (eag-related), member 6 [Homo sapiens]

Official Symbol KCNH6

Synonyms KCNH6; potassium voltage-gated channel, subfamily H (eag-related), member 6; potassium voltage-gated channel subfamily H member 6; erg2; HERG2; Kv11.2; ERG-2; hERG-2; eag related protein 2; eag-related protein 2; eag-related gene member 2; ether-a-go-go-related protein 2; ether-a-go-go related gene potassium channel 2; ether-a-go-go-related gene potassium channel 2; voltage-gated potassium channel subunit Kv11.2; ERG2;

Gene ID 81033

mRNA Refseq NM_030779

Protein Refseq NP_110406

MIM 608168

UniProt ID Q9H252

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