

Recombinant Human KCNH2 Protein (M1-S1159 end, S631A, ΔP141-L380 and ΔS871-R1005), eGFP tagged

Cat. No. KCNH2-0838H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human hERG(M1-S1159 end) (S631A) (ΔP141-L380 and ΔS871-R1005)-3C-EGFP-10His Protein was expressed in Mammalian cell.
Species	Human
Source	Mammalian Cells
ProteinLength	M1-S1159 end, S631A, ΔP141-L380 and ΔS871-R1005
Description	Pore-forming (alpha) subunit of voltage-gated inwardly rectifying potassium channel. Channel properties are modulated by cAMP and subunit assembly. Mediates the rapidly activating component of the delayed rectifying potassium current in heart (IKr).
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Storage Buffer 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name KCNH2 potassium voltage-gated channel, subfamily H (eag-related), member 2 [Homo sapiens (human)]

Official Symbol KCNH2

Synonyms KCNH2; potassium voltage-gated channel, subfamily H (eag-related), member 2; LQT2; potassium voltage-gated channel subfamily H member 2; erg1; HERG; Kv11.1; ERG-1; H-ERG; hERG-1; eag homolog; eag-related protein 1; ether-a-go-go-related protein 1; ether-a-go-go-related gene potassium channel 1; voltage-gated potassium channel subunit Kv11.1; ether-a-go-go-related potassium channel protein; ERG1; SQT1; HERG1;

Gene ID 3757

mRNA Refseq NM_000238

Protein Refseq NP_000229

MIM 152427

UniProt ID Q12809

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