

Recombinant Full Length Chicken Potassium Voltage-Gated Channel Subfamily H Member 2(Kcnh2) Protein, His-Tagged

Cat. No. RFL21672GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Chicken Potassium voltage-gated channel subfamily H member 2(KCNH2) Protein (Q9PT84) (1-526aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Chicken
Source	E.coli
ProteinLength	Full Length (1-526)
Form	Lyophilized powder
AA Sequence	QSWRAEASHVKPNPPNSTSDSDLMKYRTISQIPQFTLNFEFNLEKHRSGSTTEIEII AP HKVTERTQNVTEKVTQVLSLGADVLPEYKLQAPRIHRWTILHYSPFKAVWDWLIL LLVIY TAVFTPYSA AFLNNEEQGEEKHWNC SYSCDPLNIIDLIVDIMFIVDIVINFRTTY VNIND EVVSHPGKIAIHYFKGWFLIDMVA AIPFDLLIFRSGSDETTT LIGLLKTARLLRL VRVAR KLD RYSEYGA AVLFLLMCTFALIAHWLACIWYAIGNVERPYMEHKIGWLDNL GDQIGKRY NDS DLSSGPS IKDKYVTALYFTFSSLTSVGF GNVSPNTNSEKIFSICVML IGSLMYASIF GNVSAIQRLYSGTARYHTQMLRVKEFIRFHQIPNPLRQRLEEYFQHA WSYTN GIDMNAV LKGFPDCLQADICLHLNRTLLQNCKAFRGASKGCLRALAMKFKT THAPPGDTLVHYGDVL TTLYFISRGSI EILKEDIVVAILGKNDIFGEPISLYARPGKSNA DV
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.

GENE INFORMATION

Gene Name	KCNH6
Synonyms	KCNH6; ERG; Potassium voltage-gated channel subfamily H member 6; Ether-a-go-go-related gene potassium channel; Eag-related protein; Ether-a-go-go-related protein; Voltage-gated potassium channel subunit Kv11.2
UniProt ID	Q9PT84

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