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

Cat. No. RFL1218CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Guinea pig Potassium voltage-gated channel subfamily H member 2(KCNH2) Protein (O08703) (1-162aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Guinea pig
Source	E.coli
ProteinLength	Full Length (1-162)
Form	Lyophilized powder
AA Sequence	AVWDWLILLLVIYTAVFTPYSAAFLLKEPEEDAQTADCGYACQPLAVVDLIVDIMFIVDILINFRTTYVNANEEVVSHPGRIAVHYFKGWFLIDMVAAIPFDLLIFGSGSEELIGLLKTARLLRLVRVARKLDRYSEYGAAVLFLLMCTFALIAHWLACIWY
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
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

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	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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	KCNH2
Synonyms	KCNH2; ERG; Potassium voltage-gated channel subfamily H member 2; Ether-a-go-go-related gene potassium channel 1; ERG-1; Eag-related protein 1; Ether-a-go-go-related protein 1; gp-erg; Voltage-gated potassium channel subunit Kv11.1; Fragment
UniProt ID	O08703

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