Recombinant Full Length Human Small Conductance Calcium-Activated Potassium Channel Protein 2(Kcnn2) Protein, His-Tagged

Cat. No. RFL14368HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Small conductance calcium-activated potassium channel protein 2(KCNN2) Protein (Q9H2S1) (1-579aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-579)
Form	Lyophilized powder
AA Sequence	MSSCRYNGGVMRPLSNLSASRRNLHEMDSEAQPLQPPASVGGGGGASSPSAAAA AAAAVS SSAPEIVVSKPEHNNSNNLALYGTGGGGSTGGGGGGGGSGHGSSSGTK SSKKKNQNIGYK LGHRRALFEKRKRLSDYALIFGMFGIVVMVIETELSWGAYDKASL YSLALKCLISLSTII LLGLIIVYHAREIQLFMVDNGADDWRIAMTYERIFFICLEILVCAIH PIPGNYTFTWTAR LAFSYAPSTTTADVDIILSIPMFLRLYLIARVMLLHSKLFTDASSR SIGALNKINFNTRF VMKTLMTICPGTVLLVFSISLWIIAAWTVRACERYHDQQDVTSN FLGAMWLISITFLSIG YGDMVPNTYCGKGVCLLTGIMGAGCTALVVAVVARKLELTK AEKHVHNFMMDTQLTKRVK NAAANVLRETWLIYKNTKLVKKIDHAKVRKHQRKFLQ AIHQLRSVKMEQRKLNDQANTLV DLAKTQNIMYDMISDLNERSEDFEKRIVTLETKL ETLIGSIHALPGLISQTIRQQQRDFI EAQMESYDKHVTYNAERSRSSSRRRRSSSTA

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	PPTSSESS
Purity	Greater than 90% as determined by 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 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	KCNN2
Synonyms	KCNN2; Small conductance calcium-activated potassium channel protein 2; SK2; SKCa 2; SKCa2; KCa2.2
UniProt ID	Q9H2S1

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