

Recombinant Full Length Human Small Conductance Calcium-Activated Potassium Channel Protein 1(Kcnn1) Protein, His-Tagged

Cat. No. RFL2955HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Small conductance calcium-activated potassium channel protein 1(KCNN1) Protein (Q92952) (1-543aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length (1-543)

Form Lyophilized powder

AA Sequence

MNSHSYNGSVGRPLGSGPGALGRDPPDPEAGHPPQPPHSPGLQVVVAKSEPARP
 SPGSPR GQPQDQDDDEDEEAGRQRASGKPSNVGHR LGHRRALFEKRKRLS
 DYALIFGMFGIVV MVTETELSWG VYTKESLYSFALKCLISLSTAILLGLVVLYHAREIQ
 LFMVDNGADDWRIA MTCERVFLISLELAVCAIHPVPGHYRFTWTARLAFTYAPSVAE
 ADVDVLLSIPMFLRLYL LGRVMLLHSHKIFTDASSRSIGALNKITFNTRFVMKTLMTICP
 GTVLLVFSISSWIIAAWT VRVCERYHDKQEVTSNFLGAMWLISITFLSIGYGDMVPHT
 YCGKGVCLLTGIMGAGCTAL VVAVVARKLELTKAEKHVHNFMMMDTQLTKRVKNAAA
 NVLRETWLIYKHTRLVKKPDQARV RKHQRKFLQAIHQAKLRSVKIEQGKLNDAQAN
 TLTDLAKTQTVMYDLVSELHAQHEELEA RLATLESRLDALGASLQALPGLIAQAIRPP
 PPPLPPRPGPGPQDQAARSSPCRWTPVAPS DCG

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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 multiple 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	KCNN1
Synonyms	KCNN1; SK; Small conductance calcium-activated potassium channel protein 1; SK1; SKCa 1; SKCa1; KCa2.1
UniProt ID	Q92952

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