

Recombinant Human KCNN1, GST-tagged

Cat. No. KCNN1-275H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human KCNN1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 366-543aa

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name KCNN1 potassium intermediate/small conductance calcium-activated channel, subfamily N, member 1 [Homo sapiens]

Official Symbol KCNN1

Synonyms KCNN1; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 1; small conductance calcium-activated potassium channel protein 1; hSK1; KCa2.1; SKCa 1; SK1; SKCA1;

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Gene ID	3780
mRNA Refseq	NM_002248
Protein Refseq	NP_002239
MIM	602982
UniProt ID	Q92952
Chromosome Location	19p13.1
Pathway	Ca ²⁺ activated K ⁺ channels, organism-specific biosystem; Neuronal System, organism-specific biosystem; Potassium Channels, organism-specific biosystem;
Function	calcium-activated potassium channel activity; calmodulin binding; ion channel activity; potassium channel activity; small conductance calcium-activated potassium channel activity;

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