

Recombinant Rat Kcnn2 Full Length Transmembrane protein, His-tagged

Cat. No. Kcnn2-048R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Kcnn2 protein(P70604)(1-580aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Rat
Source	E.coli
ProteinLength	1-580aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	69.9 kDa
AA Sequence	MSSCRYNGGVMRPLSNLSSSRRLHEMDSEAQPLQPPASVVGGGGGASSPSAAA AASSSAPEIVSVSKPEHNNSNNLALYGTGGGGSTGGGGGGGGGGGGSGHSGSSGT KSSKKKNQNIGYKLGHRRALFEKRKRLSDYALIFGMFGIVVMVIETELSWGAYDKASL YSLALKCLISLSTIILLGLIIVYHAREIQLFMVDNGADDWRIAMTYERIFFICLEILVCAIHP IPGNYTFTWTARLAFSYAPSTTTADVDIILSIPMFLRLYLIARVMLLHSLKFTDASSRSI GALNKNINFNTRFVMKTLMTICPGTVLLVFSISLWIAAWTVRACERYHDQQDVTSNFL GAMWLISITFLSIGYGDMVPNTYCGKGVCLLTGIMGAGCTALVVAVVARKLELTKA EK HVHNFMMDTQLTKRVKNAAANVLRETWLIYKNTKLVKKIDHAKVRKHQRKFLQAIHQ

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LRSVKMEQRKLNQANTLVDLAKTQNMIDMISDLNERSEDFEKRIVTLETKLETIG
SIHALPGLISQTIRQQQRDFIETQMENYDKHVTYNAERSRSSSRRRSSSTAPPTSS
ESS-

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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.

GENE INFORMATION

Gene Name [Kcnn2 potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2 \[Rattus norvegicus \]](#)

Official Symbol [Kcnn2](#)

Synonyms KCNN2; potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2; small conductance calcium-activated potassium channel protein 2; SK2; SKCa2; SKCa 2; small conductance calcium-activated channel, subfamily N, member 2; KCa2.2;

Gene ID [54262](#)

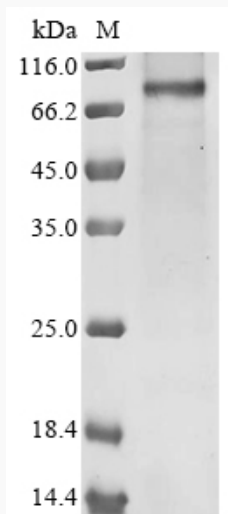
mRNA Refseq [NM_019314](#)

Protein Refseq [NP_062187](#)

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SDS-PAGE

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