

Potassium Intermediate Small Conductance Calcium Activated Channel Subfamily N, Member 2 (KCNN2) Recombinant Protein | KCNN2 recombinant protein

Recombinant Potassium Intermediate Small Conductance Calcium Activated Channel Subfamily N, Member 2 (KCNN2)

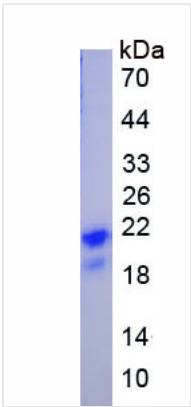
CATALOG # AAA150763	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Potassium Intermediate Small Conductance Calcium Activated Channel Subfamily N; Member 2 (KCNN2); Recombinant Potassium Intermediate Small Conductance Calcium Activated Channel Subfamily N; Member 2; KCa2.2; SK2; SKCA2; hSK2; KCNN2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95%
Form/Format	Freeze-dried powder PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Sequence	Lys466-Ser 579
Applicable Applications for KCNN2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7
Subcellular Location	Membrane
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



KMEQR KLNDQANTLV DLAKTQNIY DMISDLNRS
EDFEKRIIVTL ETKLETIGS IHALPGLISQ TIRQQQRDFI EAQMESYDKH
VTYNAERSRS SSRRRSSST APPTSSESS

Sequence

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for KCNN2 recombinant protein	Signal transduction; Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	578810350
NCBI GeneID	3781
NCBI Accession #	XP_006714676.1
NCBI GenBank Nucleotide #	XM_006714613.1
UniProt Accession #	Q9H2S1; Q0VFZ4; Q6PJI0; Q6X2Y2; A6NF94
Molecular Weight	63,760 Da
NCBI Official Full Name	small conductance calcium-activated potassium channel protein 2 isoform X1
NCBI Official Synonym Full Names	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2
NCBI Official Symbol	KCNN2
NCBI Official Synonym Symbols	SK2; hSK2; SKCA2; KCa2.2; SKCa 2
NCBI Protein Information	small conductance calcium-activated potassium channel protein 2; apamin-sensitive small-conductance Ca2+-activated potassium channel
UniProt Protein Name	Small conductance calcium-activated potassium channel protein 2
UniProt Gene Name	KCNN2
UniProt Synonym Gene Names	SK2; SKCa 2; SKCa2
UniProt Entry Name	KCNN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.