Recombinant Full Length Rat Potassium Voltage-Gated Channel Subfamily A Member 2(Kcna2) Protein, His-Tagged

Cat. No. RFL23357RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Potassium voltage-gated channel subfamily A member 2(Kcna2) Protein (P63142) (1-499aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-499)
Form	Lyophilized powder
AA Sequence	MTVATGDPVDEAAALPGHPQDTYDPEADHECCERVVINISGLRFETQLKTLAQFPET LLG DPKKRMRYFDPLRNEYFFDRNRPSFDAILYYYQSGGRLRRPVNVPLDIFSEEIR FYELGE EAMEMFREDEGYIKEEERPLPENEFQRQVWLLFEYPESSGPARIIAIVSVM VILISIVSF CLETLPIFRDENEDMHGGGVTFHTYSNSTIGYQQSTSFTDPFFIVETLCII WFSFEFLVR FFACPSKAGFFTNIMNIIDIVAIIPYFITLGTELAEKPEDAQQGQQAMSL AILRVIRLVR VFRIFKLSRHSKGLQILGQTLKASMRELGLLIFFLFIGVILFSSAVYFAEA DERDSQFPS IPDAFWWAVVSMTTVGYGDMVPTTIGGKIVGSLCAIAGVLTIALPVPVI VSNFNYFYHRE TEGEEQAQYLQVTSCPKIPSSPDLKKSRSASTISKSDYMEIQEGVN NSNEDFREENLKTA NCTLANTNYVNITKMLTDV
Purity	Greater than 90% as determined by SDS-PAGE.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	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	Kcna2
Synonyms	Kcna2; Potassium voltage-gated channel subfamily A member 2; RAK; RBK2; RCK5; Voltage-gated potassium channel subunit Kv1.2
UniProt ID	P63142

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA