

Recombinant Full Length Rabbit Potassium Voltage-Gated Channel Subfamily A Member 5(Kcna5) Protein, His-Tagged

Cat. No. RFL16421OF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Rabbit Potassium voltage-gated channel subfamily A member 5(KCNA5) Protein (P50638) (1-598aa), fused to N-terminal His tag, was expressed in E. coli.

Species *Oryctolagus cuniculus*

Source E.coli

ProteinLength Full Length (1-598)

Form Lyophilized powder

AA Sequence

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MEIALGPLENGGAMTIRGGGEETAGCSQAAPTAGLGDGSQEPAPRGRGCSARRGA
EPGER PLPPQPPELPQSRRSPLEEEEGEGDPGLSVAEEQTLGAGALHHQRVLINIS
GLRFETQLG TLAQFPNTLLGDPAKRLRYFDPLRNEYFFDRNRPSFDGILYYYQSGG
RLRRPVNVSLDVF ADEIRFYQLGDEAMERFREDEGFIKDEEKPLPRNEFQRQVWLI
FEYPESSGSARAIIVS VLVILISITFCLETLPEFKDERELLRHPPVPHQPPAAPALGA
NGSGAVAPASGSTVAPL LPRTLADPFFIVETTCVIWFTFELLVRFACPSKAEF SRNI
MNIIDIVAIFPYFITLGTE LAEQQPGGGGGGQNGQQAMSLAILRVIRLVRVFRIFKLSR
HSKGLQILGKTLQASMRELG LLIFFLFIGVILFSSAVYFAEADNQGTHFSSIPDAFWW
AVVTMTTVGYGDMRPITVGGKI VGSLCAIAGVLTIALPVPVIVSNFNFYFHRETDHEE
QAALKEEPGSQSRGTSLDAGGQRK ASWSKASLCKAGGSLETADSVRRGSCLEKEY
NLKAKSNVDLRRSLYALCLDTSRETDL
    
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Purity	Greater than 90% as determined by SDS-PAGE.
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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	KCNA5
Synonyms	KCNA5; Potassium voltage-gated channel subfamily A member 5; Voltage-gated potassium channel subunit Kv1.5
UniProt ID	P50638

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