

Recombinant Full Length Saimiri Boliviensis Boliviensis Potassium Voltage-Gated Channel Subfamily S Member 1(Kcns1) Protein, His-Tagged

Cat. No. RFL11353SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Saimiri boliviensis boliviensis Potassium voltage-gated channel subfamily S member 1(KCNS1) Protein (A4K2X4) (1-529aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Saimiri boliviensis boliviensis (Bolivian squirrel monkey)
Source	E.coli
ProteinLength	Full Length (1-529)
Form	Lyophilized powder
AA Sequence	MLMLLVRGTRYENHRKVTLP TPLGGRSNETTLCESPGPD TGIRWRRSDEALRVNV GGVR RLLSARALARFP GTRLGRLQAAASEEQARRLCDDYDAAAREFYFDRHPGFF LGLLHFYRT GHLHVLDEL CVFAFGQEADYWGLGENALAACCRARYLERRVTRPRA WDESDTPSSVDPC PDEISDVQRELARYGAARCGRLRRRLWLT MENPGYSLPSKL FSCVSISVVLASIAAMCIH SLPEYQAREAAA AAVAAGRSAEGVRDDPVLRRL EYF CIAWFSEFVSSRLLLAPSTRNF FCHPLNLIDIVSVLPFYLTLLAGAALGDQGGTGGKE FGHLGKVVQVFR LMRIFRVLKLAR HSTGLRSLGATLKHSYREV GILLYLAVGVSVF SGVAYTAEKEEHVGFDTIPACWWWGTV SMTTVGYGDVVPVT VAGKLAASGCILGG ILVVALPITIIFNKFSHFYRRQKALEAAVRNS NHQEFEDLLSSVDGVSEASLETSRETS QEGRSADLETQAPSEPPHAQMY

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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	KCNS1
Synonyms	KCNS1; Potassium voltage-gated channel subfamily S member 1; Delayed-rectifier K(+) channel alpha subunit 1
UniProt ID	A4K2X4

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