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

Cat. No. RFL15494CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Colobus guereza Potassium voltage-gated channel subfamily S member 1(KCNS1) Protein (A4K2P6) (1-529aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Colobus guereza (Mantled guereza) (Eastern black-and-white colobus monkey)
Source	E.coli
ProteinLength	Full Length (1-529)
Form	Lyophilized powder
AA Sequence	MLMLLVRGTRYESLRSKVVLPTPLGGRGTEVLVSESPSPDTGIRWRQSDEALRVNV GGVR RLLSARALARFPGTRLGRLQAAASEEQARRLCDDYDAAAREFYFDRHPGFF LGLLHFYRT GHLHVLDELCVFAFGQEADYWGLGENVLAACCRARYLERRLTQPRA WDEDSDTPSSVDPC PDEISDVQRELARYGAARCGRLRRRLWLTMENPGYSLPSKL FSCVSISVVLASIAAMCIH SLPEYQAREAAAAVAAVAAGRSPEGVRDDPVLRRLEYF CIAWFSFEVSSRLLLAPSTRNF FCHPLNLIDIVSVLPFYLTLLAGVALGDQGGTGGKE LGHLGKVVQVFRLMRIFRVLKLAR HSTGLRSLGATLKHSYREVGILLLYLAVGVSVFS GVAYTAEKEEDVGFNTIPACWWWGTV SMTTVGYGDVVPVTVAGKLAASGCILGGIL VVALPITIIFNKFSHFYRRQKALEAAVRNS NHQEFEDLLSSVDEVSEASLETSREISQ EGRSADLETQAPSEPPHPQMY

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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℃/-80℃. 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; Voltage-gated potassium channel subunit Kv9.1
UniProt ID	A4K2P6

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