

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

Cat. No. RFL32044AF **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Full Length Aotus nancymae Potassium voltage-gated channel subfamily S member 1(KCNS1) Protein (A4K2W6) (1-529aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Aotus nancymae (Ma's night monkey) |
| Source | E.coli |
| ProteinLength | Full Length (1-529) |
| Form | Lyophilized powder |
| AA Sequence | <p>MLMLLVRGTRYENHRPKVTLPTPLGGRSNEATVCEPSPDGTGIRWRRSDEALRVNV GGVR RLLSARALARFPGTRLGRLQAAASEEQARRLCDDYDAAAREFYFDRHPGFF LGLLHFYRT GHLHVLDEL CVFAFGQEADYWGLGENALAACCRARYLERRVTRPRA WDESDTPSSVDPC PDEISDVQRELARYGAARCGRLRRRLWLTMENPGYSLPSKL FSCVSISSVVLASIAAMCIH SLPEYQAREAAA VAAVAAGRSAEGVRDDPVLRRLEYF CIAWFSFEVSSRLLLAPSTRNF FCHPLNLIDIVSVLPFYLTLLAGAALGDHGGTGGKE FGHLGKVVQVFRMLRIFRVLKLAR HSTGLRSLGATLKHSYREV GILLYLAVGVSVF SGVAYTAEKEEHVGFDTIPACWWWGTV SMTTVGYGDVVPVTVAGKLAASGCILGG ILVVALPITIIFNKFSHFYRRQKALEAAVRNS NHQEFEDLLSSVDGVSEASLETSRETS QEGRSADLETQVPSEPPHSQMY</p> |

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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

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| 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 | A4K2W6 |

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