

Recombinant Full Length Rat Potassium Voltage-Gated Channel Subfamily V Member 1(Kcnv1) Protein, His-Tagged

Cat. No. RFL17983RF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Rat Potassium voltage-gated channel subfamily V member 1(Kcnv1) Protein (P97557) (1-503aa), fused to N-terminal His tag, was expressed in E. coli.

Species Rat

Source E.coli

ProteinLength Full Length (1-503)

Form Lyophilized powder

AA Sequence

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MDLSPRNRPLLDSSSLDSGSLTSLDSSVFCSEGEPLALGDCLTVNVGGSRFVLS
QQAL SCFPHTRLGKLAVVVASYRRLGALAAAPSPLELCDDANPVDNEYFFDRSSQA
FRYVLHYY RTGRLHVMEQLCALSFLQEIQYWGIDELSIDSCCRDRYFRRKELSETLD
FKKDTDDQESQ HESEQDFSQGPCPTVRQKLWDILEKPGSSTAARIFGVISIIFVAVSI
VNMALMSAELSWL NLQLEILEYVCISWFTGEFILRFLCVKDRCHFRLKVPNIIDLLAIL
PFYITLLVESLSG SHTTQELENVGRVLVQLRLLRMLKLGRHSTGLRSLGMTITQ
CYEEVGLLLLFLSVGI SIFSTIEYFAEQSIPDTTFTSVPCAWWWATTSMTTVGYGDIR
PDTTGGKIVAFMCILSGI LVLALPIAINDRFSAFYTLKLKEAAVRQREALKKLTKNIAT
DSYISVNLRLDIYARSIM EMLRLKGRERASTRSSGGDDFWF
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Purity Greater than 90% as determined by SDS-PAGE.

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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 multiple 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	Kcnv1
Synonyms	Kcnv1; Potassium voltage-gated channel subfamily V member 1; Voltage-gated potassium channel subunit Kv2.3r; Voltage-gated potassium channel subunit Kv8.1
UniProt ID	P97557

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