Recombinant Full Length Human Potassium Voltage-Gated Channel Subfamily D Member 2(Kcnd2) Protein, His-Tagged

Cat. No. RFL6477HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Potassium voltage-gated channel subfamily D member 2(KCND2) Protein (Q9NZV8) (1-630aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-630)
Form	Lyophilized powder
AA Sequence	MAAGVAAWLPFARAAAIGWMPVASGPMPAPPRQERKRTQDALIVLNVSGTRFQTW QDTLE RYPDTLLGSSERDFFYHPETQQYFFDRDPDIFRHILNFYRTGKLHYPRHECI SAYDEELA FFGLIPEIIGDCCYEEYKDRRRENAERLQDDADTDTAGESALPTMTARQ RVWRAFENPHT STMALVFYYVTGFFIAVSVIANVVETVPCGSSPGHIKELPCGERYA VAFFCLDTACVMIF TVEYLLRLAAAPSRYRFVRSVMSIIDVVAILPYYIGLVMTDNEDV SGAFVTLRVFRVFRI FKFSRHSQGLRILGYTLKSCASELGFLLFSLTMAIIIFATVMFYA EKGSSASKFTSIPAA FWYTIVTMTTLGYGDMVPKTIAGKIFGSICSLSGVLVIALPVPVI VSNFSRIYHQNQRAD KRRAQKKARLARIRAAKSGSANAYMQSKRNGLLSNQLQSS EDEQAFVSKSGSSFETQHHH LLHCLEKTTNHEFVDEQVFEESCMEVATVNRPSSH SPSLSSQQGVTSTCCSRRHKKTFRI PNANVSGSHQGSIQELSTIQIRCVERTPLSNS RSSLNAKMEECVKLNCEQPYVTTAIISI PTPPVTTPEGDDRPESPEYSGGNIVRVSAL

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Purity	Greater than 90% as determined by 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	KCND2
Synonyms	KCD2; KCND 2; KCND2; KCND2_HUMAN; KIAA1044; MGC119702; MGC119703; Potassium voltage gated channel Shal related subfamily member 2; Potassium voltage-gated channel subfamily D member 2; RK 5; RK5; Voltage gated potassium channel Kv4.2; Voltage gated potass
UniProt ID	Q9NZV8

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