

Recombinant Full Length Human Potassium Voltage-Gated Channel Subfamily D Member 3(Kcnd3) Protein, His-Tagged

Cat. No. RFL1467HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Potassium voltage-gated channel subfamily D member 3(KCND3) Protein (Q9UK17) (1-655aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-655)
Form	Lyophilized powder
AA Sequence	MAAGVAAWLPFARAAAIGWMPVANCPMPLAPADKNKRQDELIVLNVSGRRFQTWRTTLER YPDTLLGSTEKEFFFNEDTKEYFFDRDPEVFRCVLNFYRTGKLHYPRYECISAYDDELAF YGILPEIIGDCCYEEYKDRKRENAERLMDDNDSENNQESMPSLSFRQTMWRAFENPHTST LALVFYYVTGFFIAVSVITNVVETVPCGTVPGSKELPCGERYSVAFCLDTACVMIFTVE YLLRLFAAPSRYSRIFIRSVMSIIDVVAIMPYYIGLVMTNNEVDVSGAFVTLRVRFRVFRIFKF SRHSQGLRILGYTLKSCASELGFLLSLTMAIIFATVMFYAEKGSSASKFTSIPASFWY TIVTMTTLGYGDMVPKTIAGKIFGSICSLSGVLVIALPVPVIVSNFSRIYHQNRADKRR AQKKARLARIRVAKTGSSNAYLHSKRNGLLNEALELTGTPEEEHMGKTTSLIESQHHLL HCLEKTTGLSYLVDDPLLSVRTSTIKNHEFIDEQMFEQNCMESSMQNPSTRSPSLSSHP GLTTTCCSRRSKKTHLPNSNLPATRLRSMQELSTIHQGSEQPSLTTSRSSLNLKADDG LRPNCKTSQITTAISIPTPPALTPEGESRPP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	PASPGPNTNIPSIASNVVKVSAL
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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	KCND3
Synonyms	KCND3; Potassium voltage-gated channel subfamily D member 3; Voltage-gated potassium channel subunit Kv4.3
UniProt ID	Q9UK17

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